

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007567.D
 Acq On : 15 Feb 2019 14:51
 Operator : JC/SP
 Sample : VX0216WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:37 AM

Quant Time: Feb 16 04:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	448613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	596024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	296235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234640	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	213560	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	749968	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.13	95	258831	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97875	17.869	ug/l	100
3) Chloromethane	1.33	50	88003	17.416	ug/l	98
4) Vinyl Chloride	1.41	62	95759	19.317	ug/l	99
5) Bromomethane	1.64	94	87503	17.534	ug/l	97
6) Chloroethane	1.73	64	62901	19.615	ug/l	93
7) Trichlorofluoromethane	1.93	101	153512	19.796	ug/l	97
8) Diethyl Ether	2.19	74	59750	20.471	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87672	19.007	ug/l	99
10) Methyl Iodide	2.51	142	107109	15.785	ug/l	98
11) Tert butyl alcohol	3.07	59	109454	111.072	ug/l	96
12) 1,1-Dichloroethene	2.38	96	80184	18.720	ug/l	98
13) Acrolein	2.30	56	48154	104.208	ug/l	99
14) Allyl chloride	2.73	41	145047	20.783	ug/l	98
15) Acrylonitrile	3.15	53	261026	107.077	ug/l	99
16) Acetone	2.45	43	254998	116.908	ug/l	100
17) Carbon Disulfide	2.57	76	189288	18.304	ug/l	98
18) Methyl Acetate	2.78	43	143831	25.601	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	287968	20.752	ug/l	99
20) Methylene Chloride	2.86	84	92391	20.506	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	84682	18.559	ug/l	96
22) Diisopropyl ether	3.87	45	273519	21.306	ug/l	95
23) Vinyl Acetate	3.82	43	1112824	104.460	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154108	20.903	ug/l	98
25) 2-Butanone	4.70	43	351650	113.286	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115806	20.626	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	100117	20.089	ug/l	99
28) Bromochloromethane	5.01	49	72571	21.405	ug/l	100
29) Tetrahydrofuran	5.15	42	221876	113.651	ug/l	99
30) Chloroform	5.21	83	160070	20.807	ug/l	96
31) Cyclohexane	5.58	56	124212	18.759	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	134833	20.764	ug/l	100
36) 1,1-Dichloropropene	5.80	75	111535	18.654	ug/l	99
37) Ethyl Acetate	4.85	43	126681	20.960	ug/l	98
38) Carbon Tetrachloride	5.79	117	116482	20.081	ug/l	98

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Quant Time: Feb 16 04:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130247	18.005	ug/l	97
40) Benzene	6.15	78	346488	19.673	ug/l	98
41) Methacrylonitrile	5.06	41	70331	21.712	ug/l	97
42) 1,2-Dichloroethane	6.20	62	120315	19.744	ug/l	99
43) Isopropyl Acetate	6.46	43	196795	21.095	ug/l	99
44) Trichloroethene	7.21	130	100879	19.018	ug/l	94
45) 1,2-Dichloropropane	7.51	63	90917	20.603	ug/l	99
46) Dibromomethane	7.66	93	63508	19.801	ug/l	97
47) Bromodichloromethane	7.90	83	111035	20.427	ug/l	97
48) Methyl methacrylate	7.77	41	100347	21.504	ug/l	99
49) 1,4-Dioxane	7.75	88	44899	427.054	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	661713	107.746	ug/l	100
52) Toluene	8.79	92	218961	19.269	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116662	19.981	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	132672	20.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	97406	20.564	ug/l	94
56) Ethyl methacrylate	9.18	69	132893	20.257	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153521	20.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	351197	101.563	ug/l	99
59) 2-Hexanone	9.49	43	506146	105.909	ug/l	99
60) Dibromochloromethane	9.58	129	95389	21.293	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99307	19.797	ug/l	95
64) Tetrachloroethene	9.34	164	102211	18.194	ug/l	98
65) Chlorobenzene	10.14	112	251890	19.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	91047	20.879	ug/l	99
67) Ethyl Benzene	10.25	91	407314	19.447	ug/l	97
68) m/p-Xylenes	10.36	106	317323	38.112	ug/l	100
69) o-Xylene	10.69	106	157059	19.604	ug/l	100
70) Styrene	10.71	104	252459	19.430	ug/l	99
71) Bromoform	10.85	173	68983	20.612	ug/l #	99
73) Isopropylbenzene	11.02	105	418558	20.792	ug/l	99
74) N-amyl acetate	10.90	43	169133	21.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	140803	22.951	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	132259m	22.953	ug/l	
77) Bromobenzene	11.26	156	113027	19.927	ug/l	97
78) n-propylbenzene	11.36	91	460382	20.856	ug/l	100
79) 2-Chlorotoluene	11.42	91	273680	20.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	336227	20.415	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36416	22.111	ug/l	96
82) 4-Chlorotoluene	11.51	91	316935	20.449	ug/l	99
83) tert-Butylbenzene	11.77	119	337255	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349268	20.889	ug/l	99
85) sec-Butylbenzene	11.94	105	413001	20.927	ug/l	99
86) p-Isopropyltoluene	12.06	119	360271	20.223	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199927	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	200702	19.434	ug/l	98
89) n-Butylbenzene	12.38	91	303006	19.772	ug/l	99
90) Hexachloroethane	12.60	117	57668	21.629	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	202816	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28161	22.076	ug/l	99

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Instrument :
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ClientSampleId :
VX0216WBS02

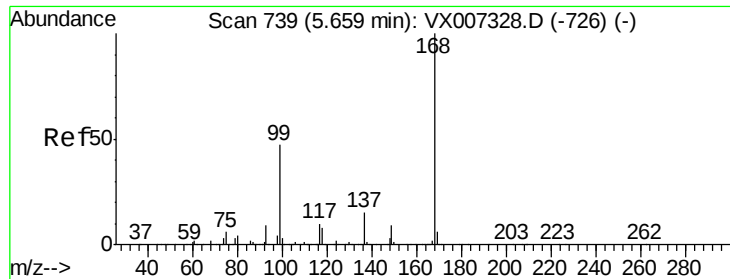
Manual Integrations
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Quant Time: Feb 16 04:05:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134037	19.620	ug/l	99
94) Hexachlorobutadiene	13.78	225	64392	19.411	ug/l	99
95) Naphthalene	13.83	128	418976	20.972	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132459	19.262	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

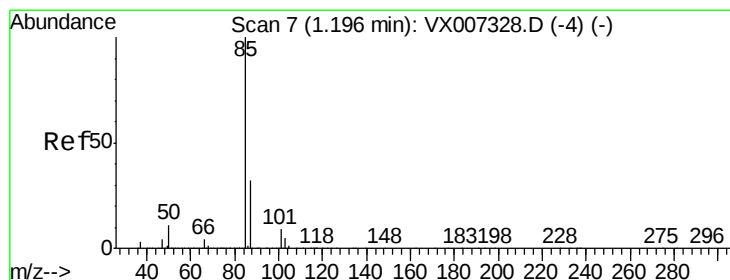
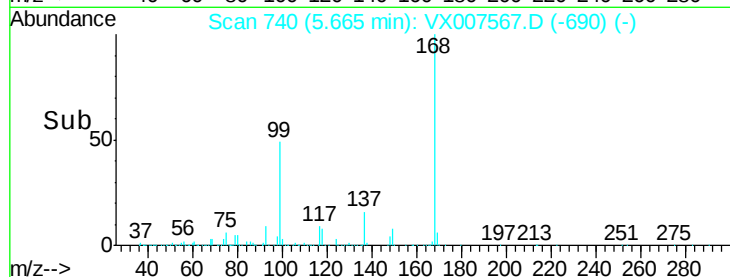
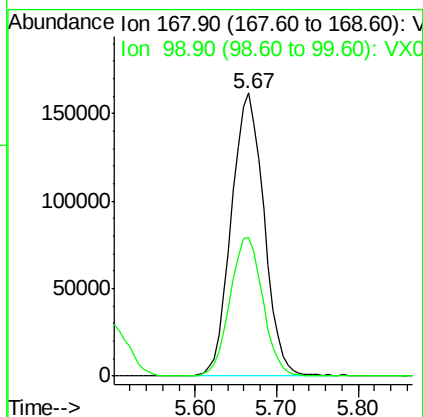
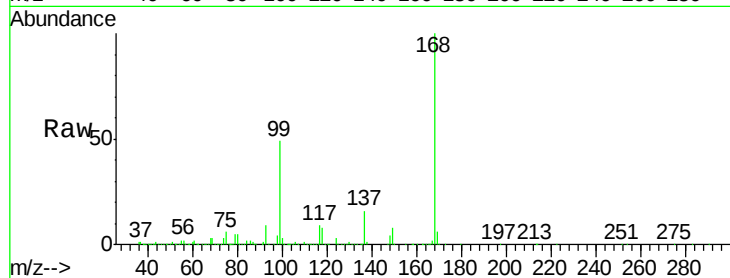
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	37.9	56.9

Manual Integrations
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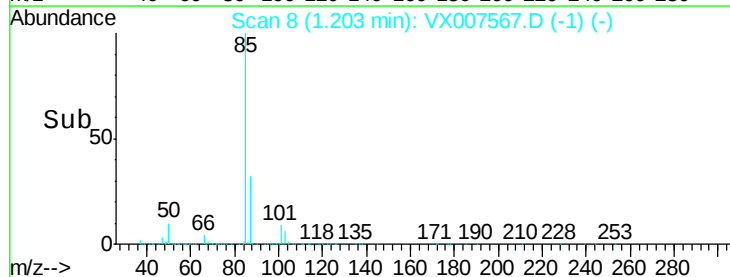
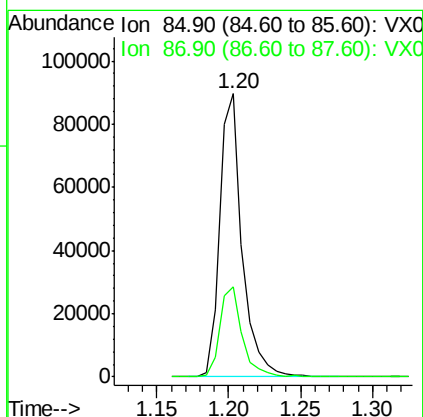
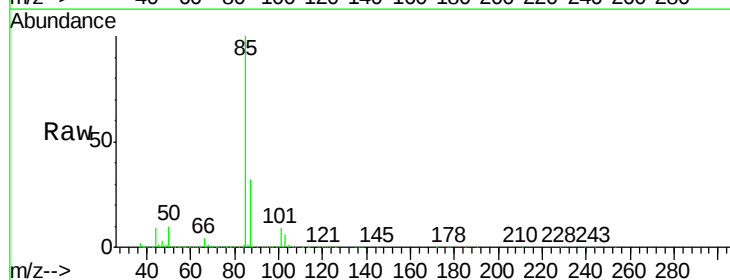
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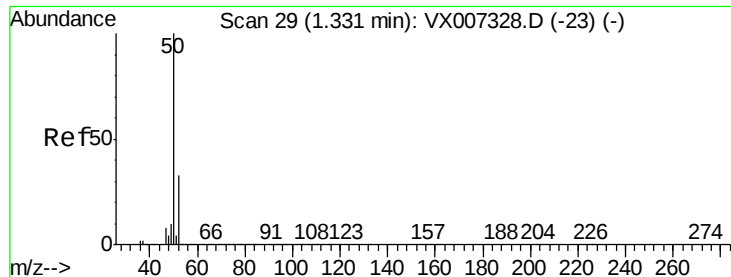


#2

Dichlorodifluoromethane
 Concen: 17.869 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.8	47.4





#3

Chloromethane

Concen: 17.416 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 50 Resp: 88003

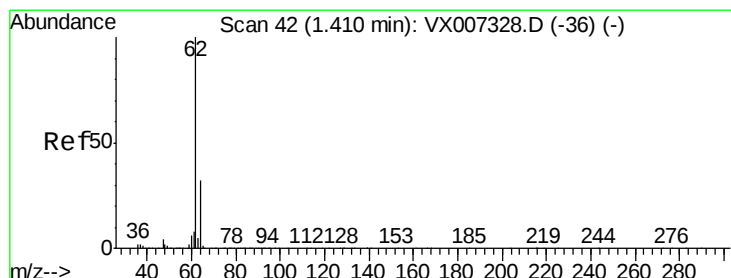
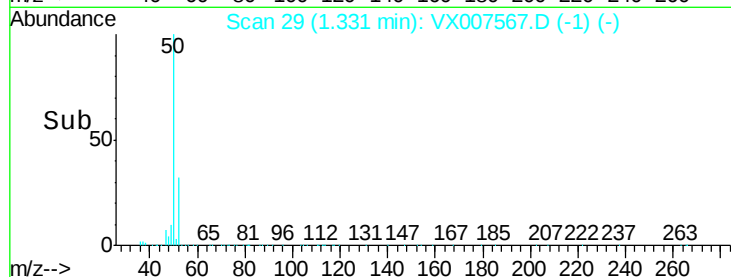
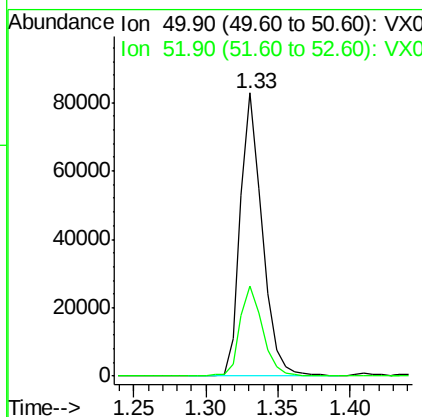
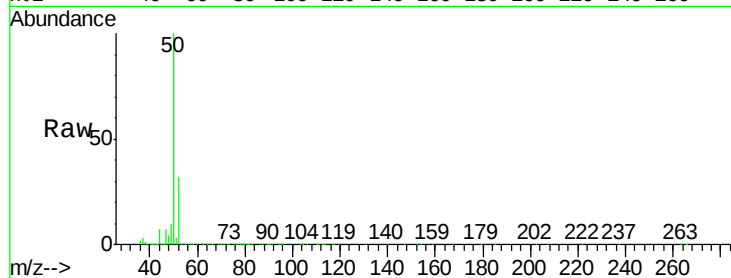
Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.317 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007567.D

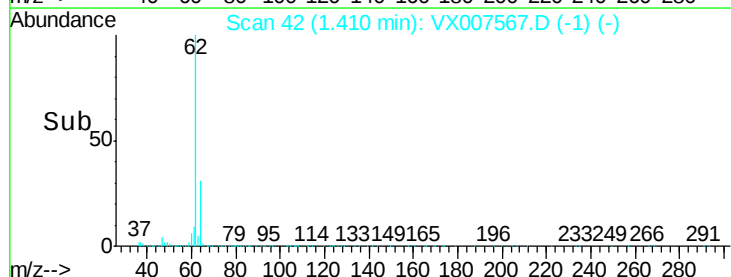
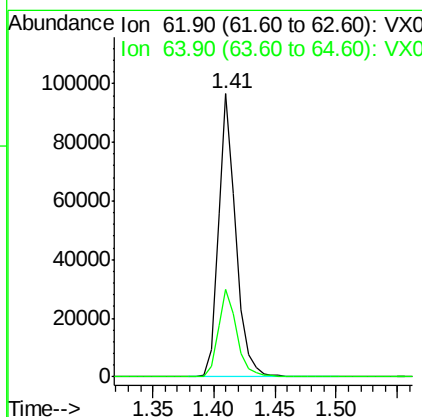
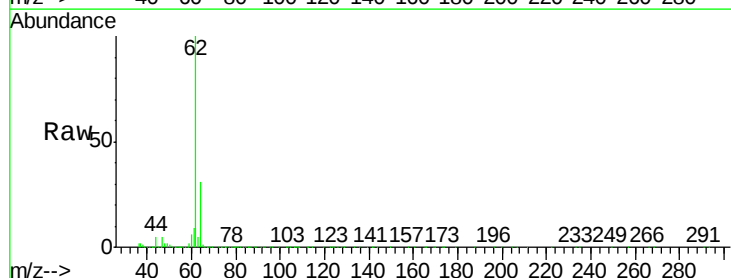
Acq: 15 Feb 2019 14:51

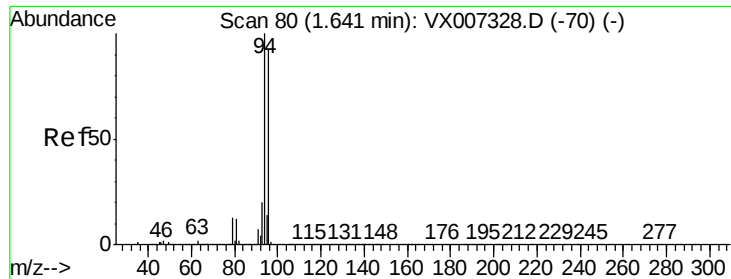
Tgt Ion: 62 Resp: 95759

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.0





#5

Bromomethane

Concen: 17.534 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 94 Resp: 87503

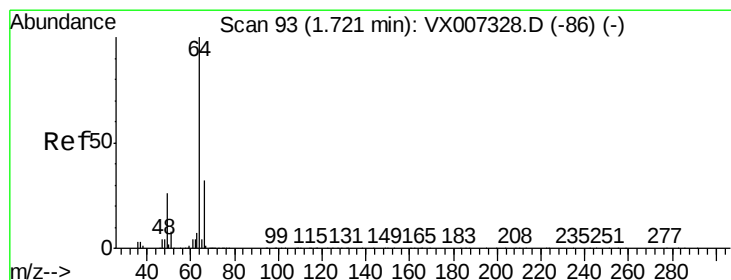
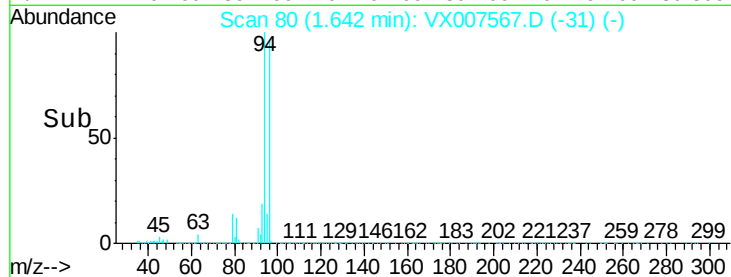
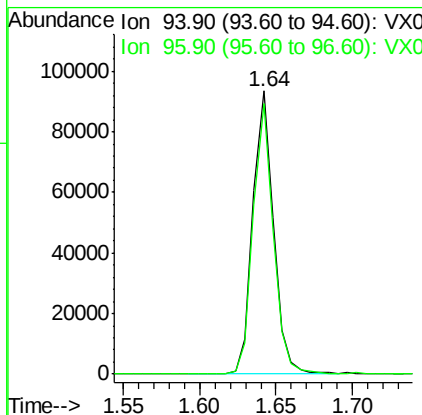
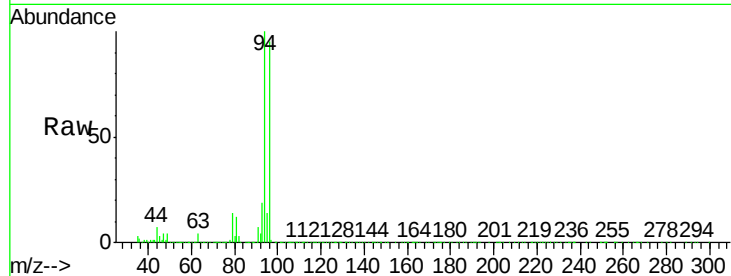
Ion Ratio Lower Upper

94 100

96 95.5 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 19.615 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007567.D

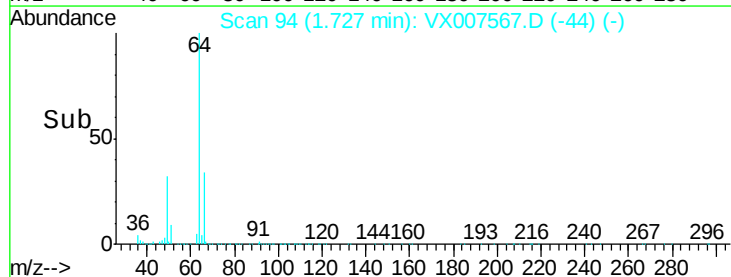
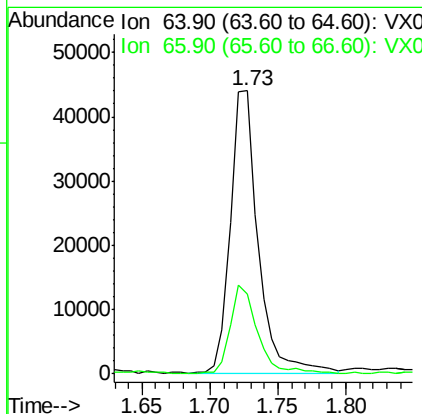
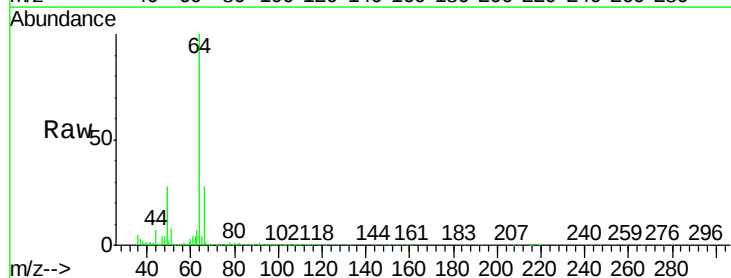
Acq: 15 Feb 2019 14:51

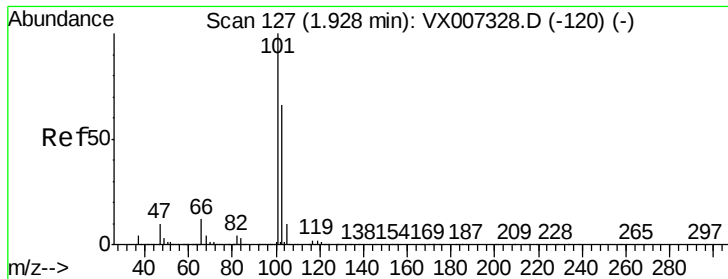
Tgt Ion: 64 Resp: 62901

Ion Ratio Lower Upper

64 100

66 28.2 25.5 38.3





#7

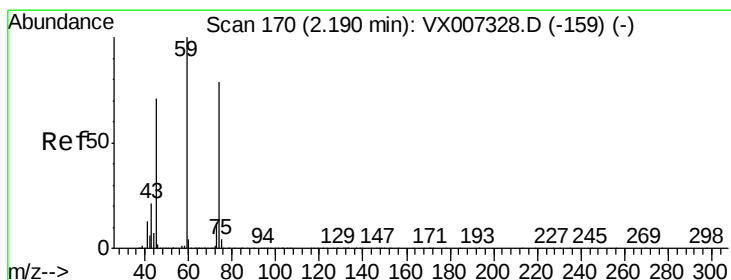
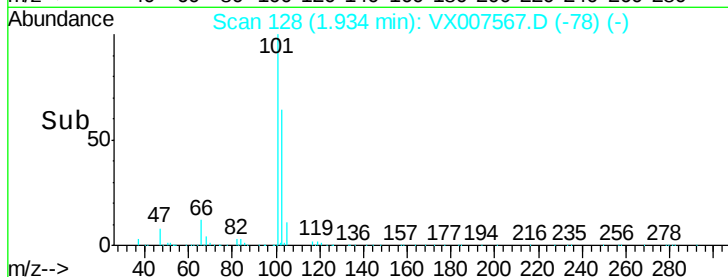
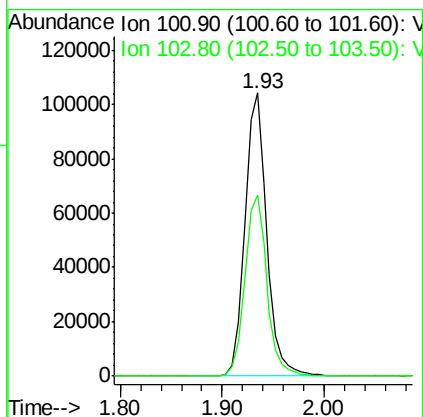
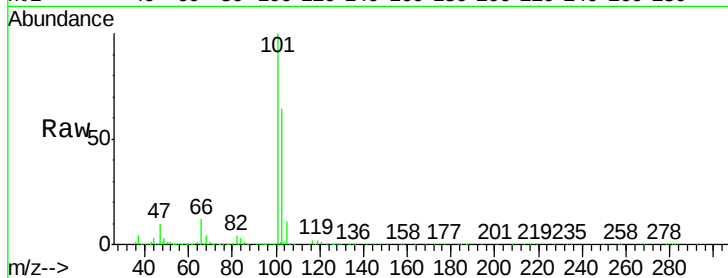
Trichlorofluoromethane
Concen: 19.796 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		153512		
103	63.8	52.6	79.0		

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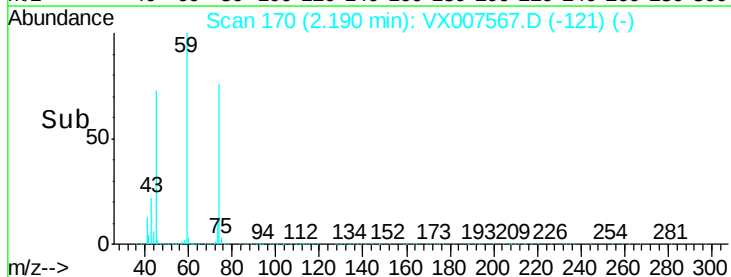
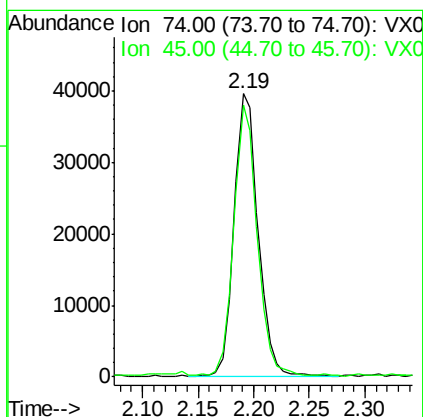
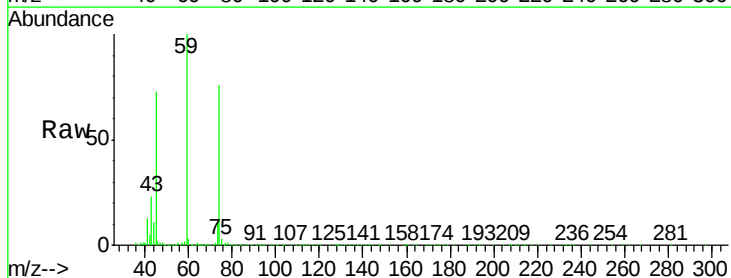
MMDadoda
2/18/2019 10:40:37 AM

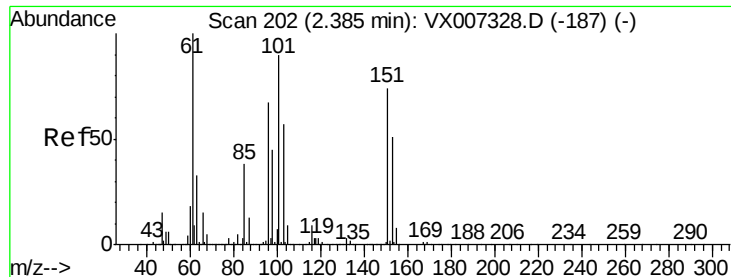


#8

Diethyl Ether
Concen: 20.471 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		59750		
45	91.4	45.7	137.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.007 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

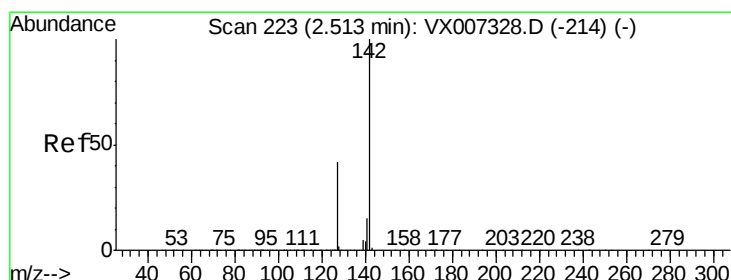
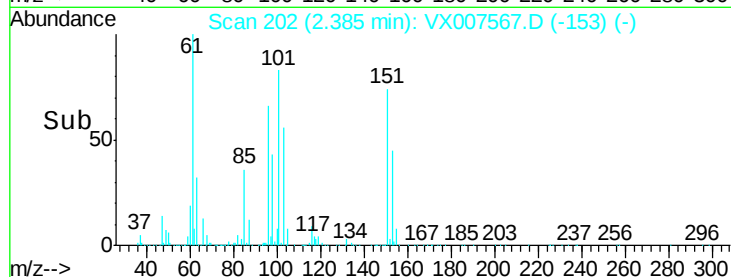
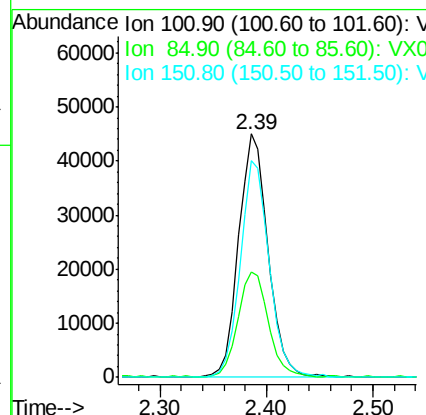
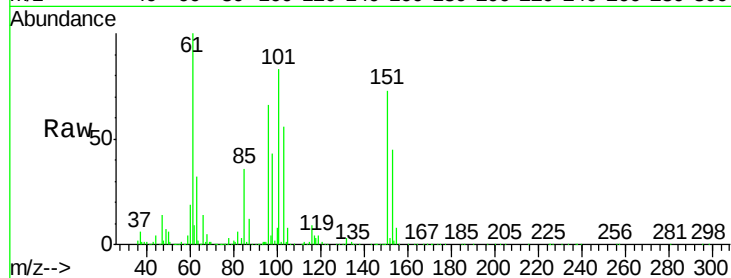
ClientSampleId :

VX0216WBS02

Tot Ion:	101	Resp:	87672
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.1	51.1
151	87.6	69.9	104.9

Manual Integrations
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2/18/2019 10:40:37 AM



#10

Methyl Iodide

Concen: 15.785 ug/l

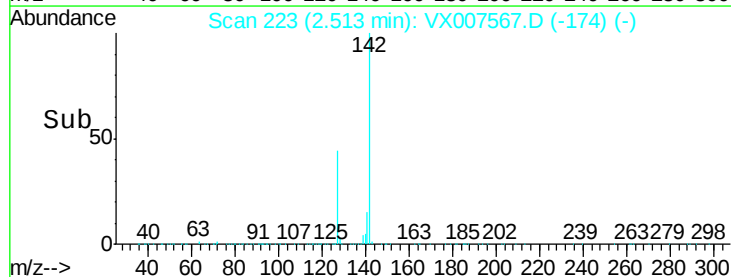
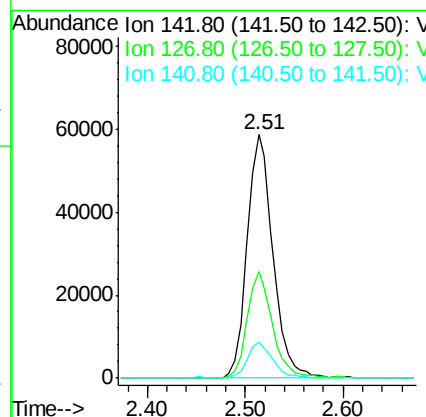
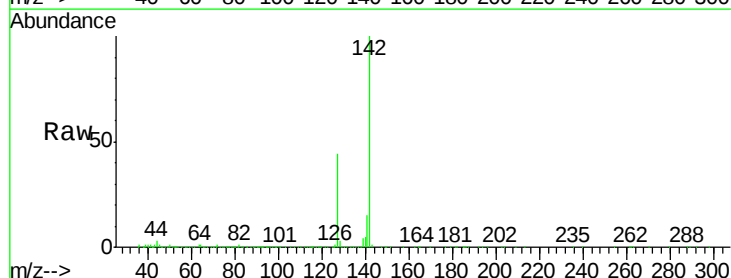
RT: 2.51 min Scan# 223

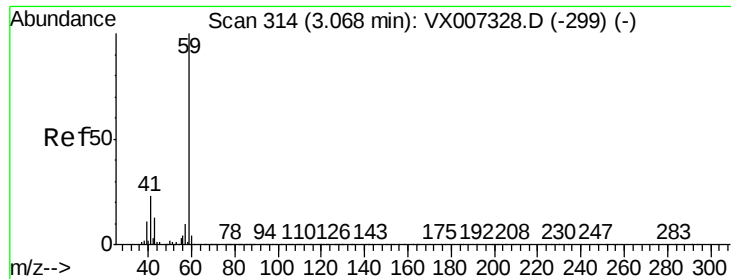
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	142	Resp:	107109
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.7	50.5
141	14.7	11.3	16.9





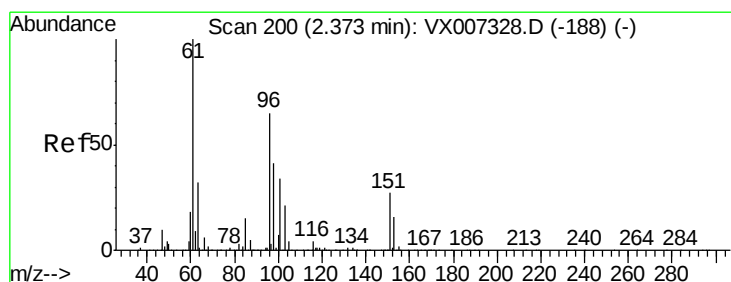
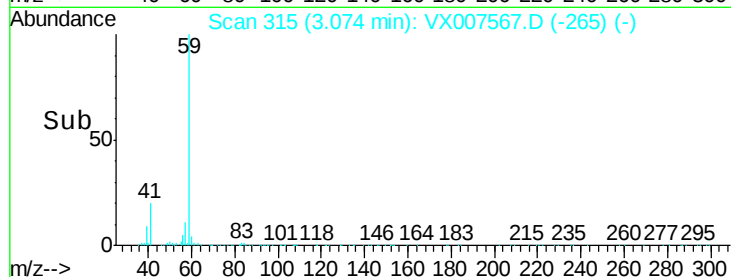
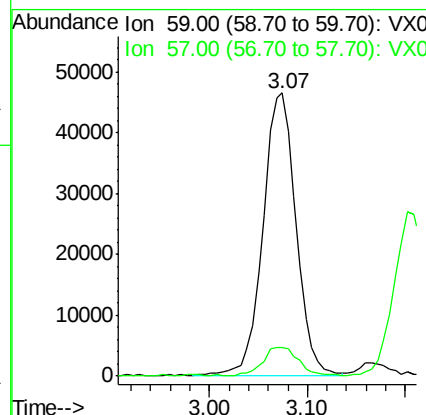
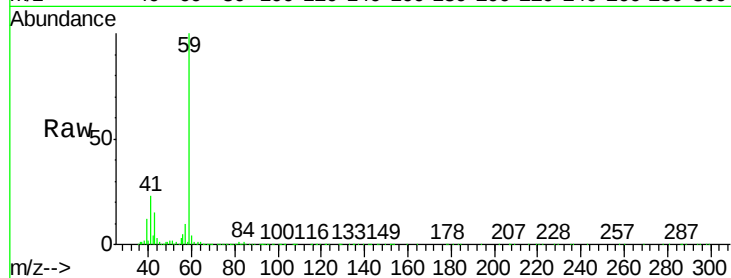
#11
Tert butyl alcohol
Concen: 111.072 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampled :
VX0216WBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.4	8.1	12.1

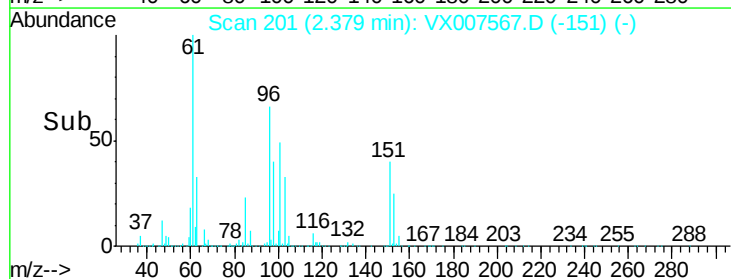
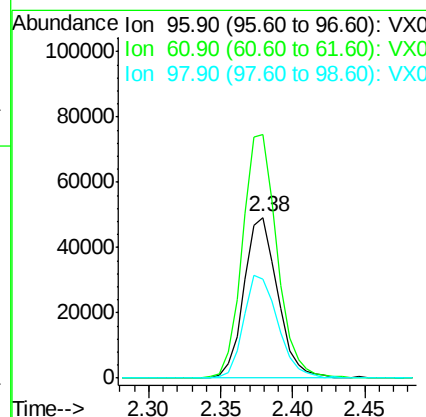
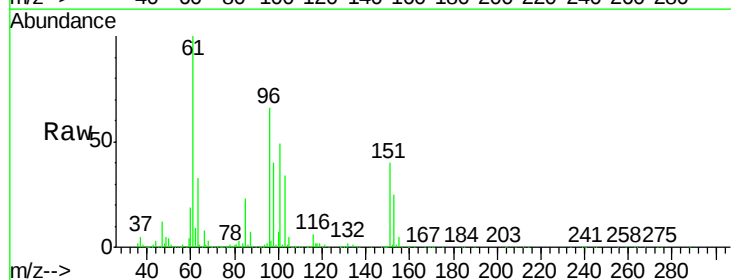
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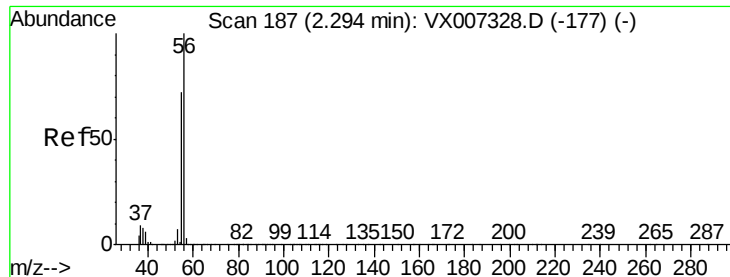
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.720 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	151.4	123.0	184.4
98	98	61.4	50.9	76.3





#13

Acrolein

Concen: 104.208 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

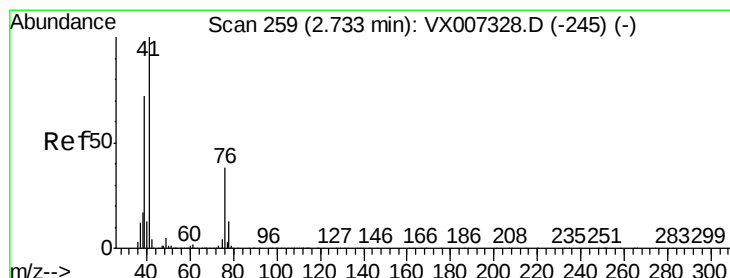
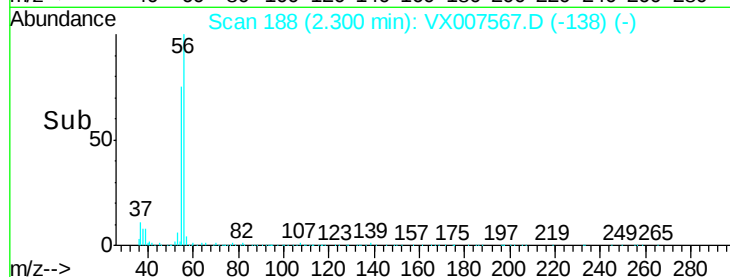
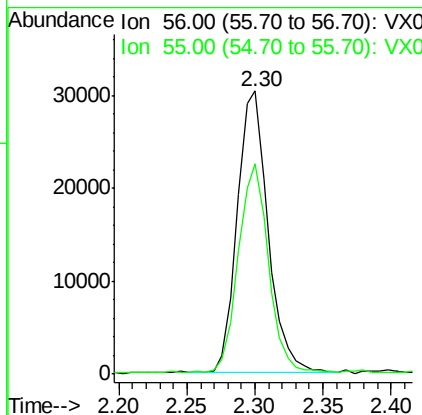
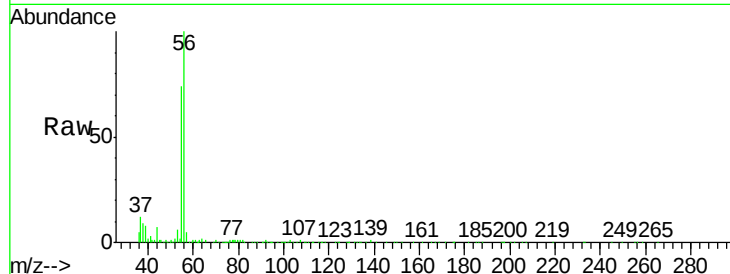
ClientSampleId :

VX0216WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.2	56.9	85.3

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#14

Allyl chloride

Concen: 20.783 ug/l

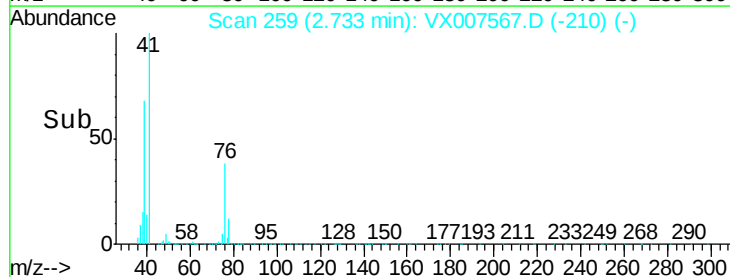
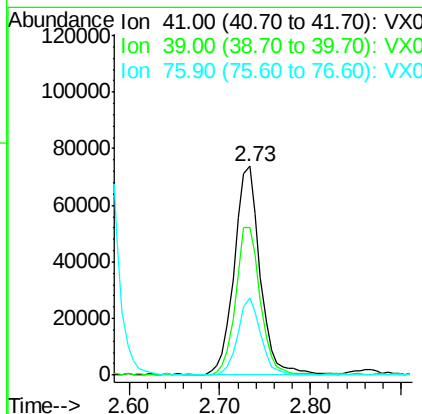
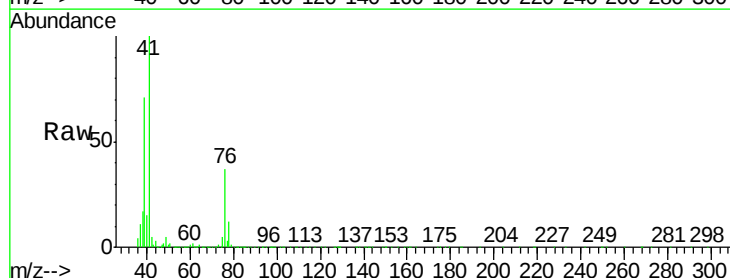
RT: 2.73 min Scan# 259

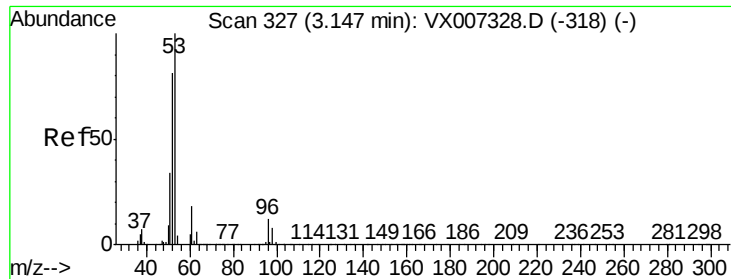
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.5	54.1	81.1
76	76	32.6	27.8	41.8





#15

Acrylonitrile

Concen: 107.077 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

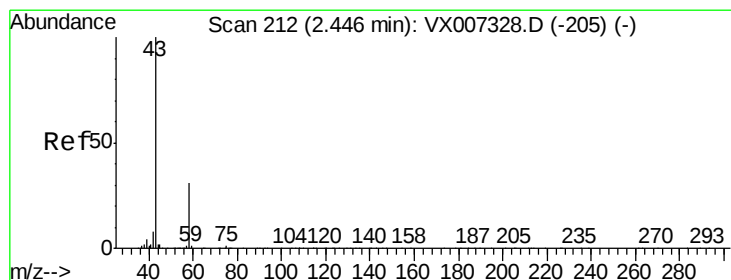
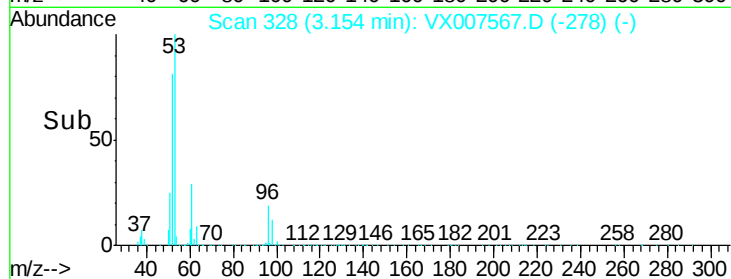
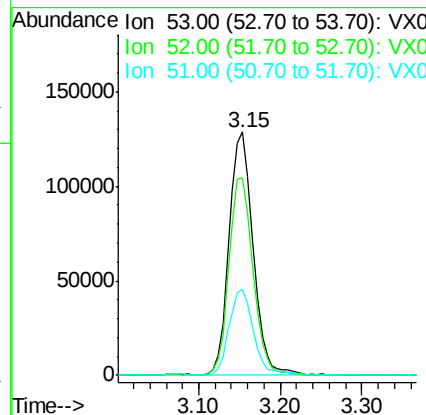
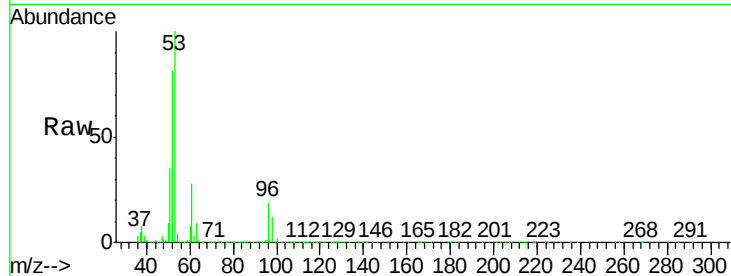
ClientSampleId :

VX0216WBS02

Tot Ion:	53	Resp:	261026
Ion Ratio		Lower	Upper
53	100		
52	81.5	66.4	99.6
51	35.7	28.4	42.6

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#16

Acetone

Concen: 116.908 ug/l

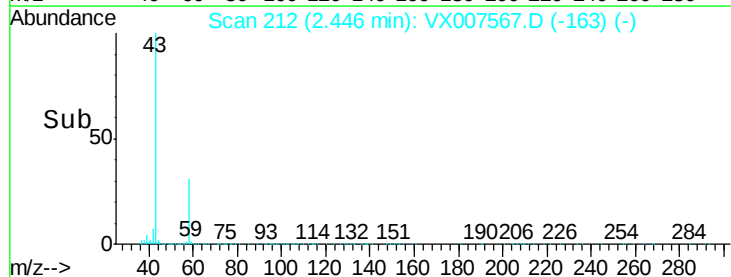
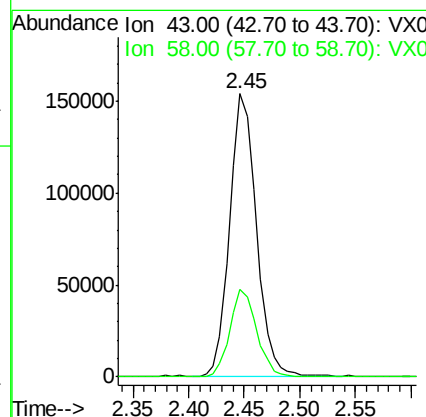
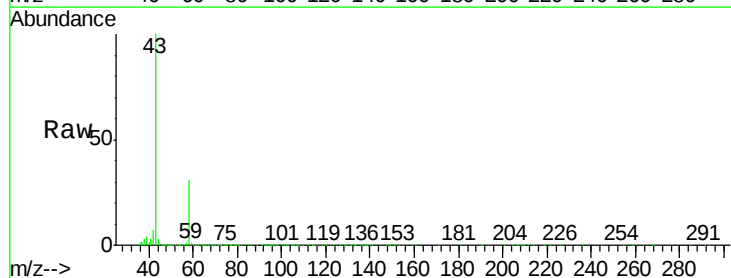
RT: 2.45 min Scan# 212

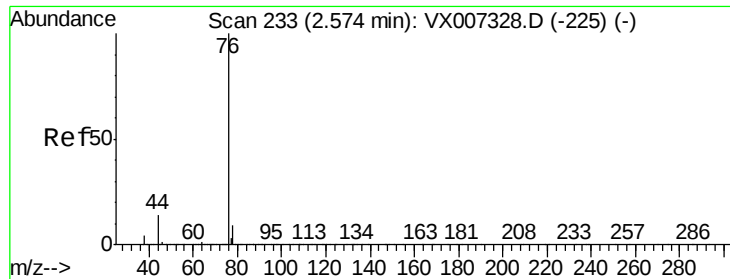
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	43	Resp:	254998
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





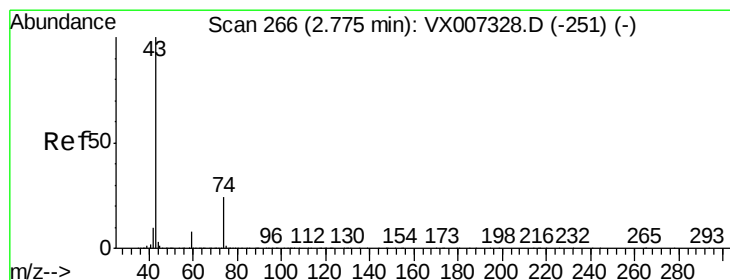
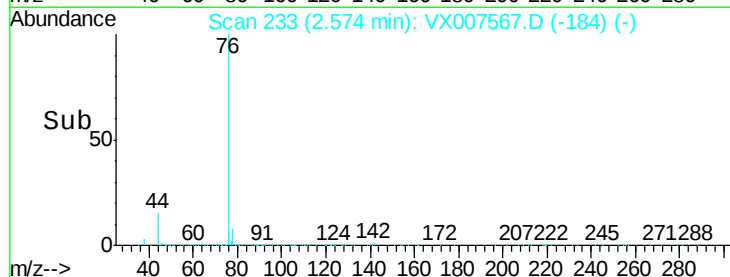
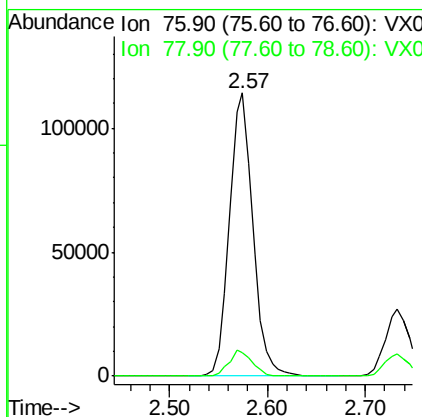
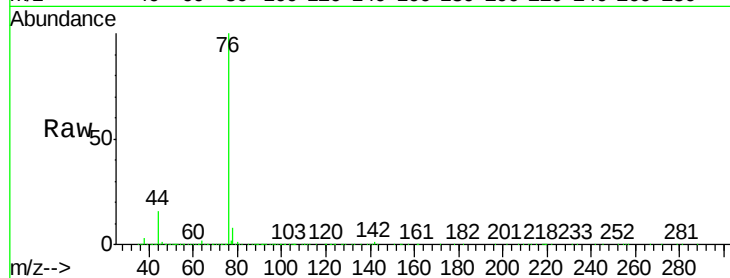
#17
Carbon Disulfide
Concen: 18.304 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.1	10.7

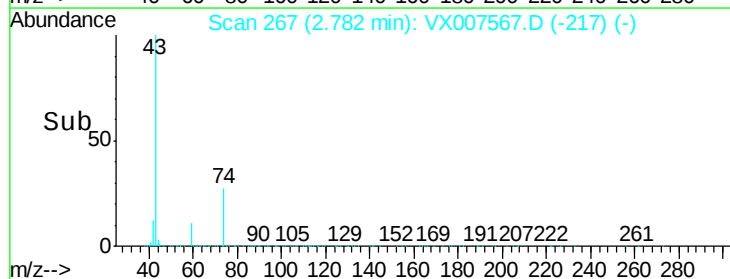
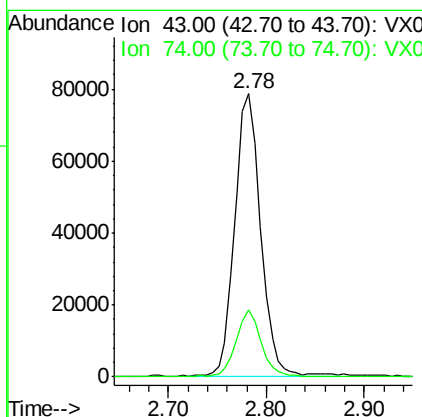
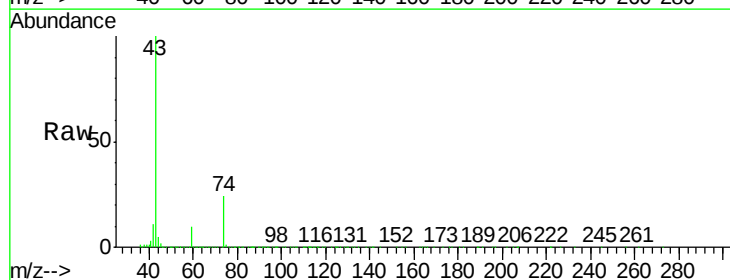
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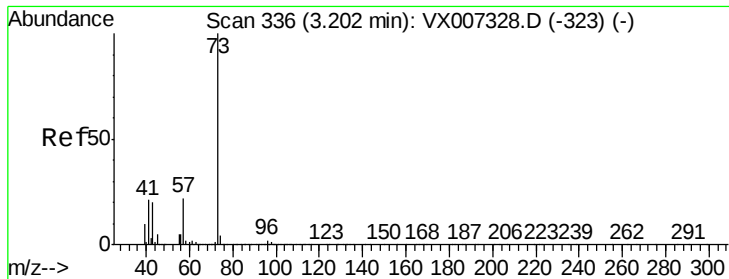
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#18
Methyl Acetate
Concen: 25.601 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2





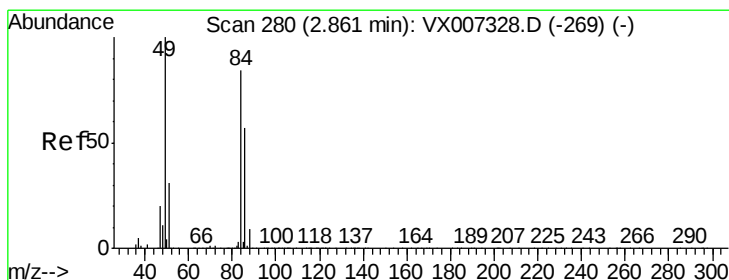
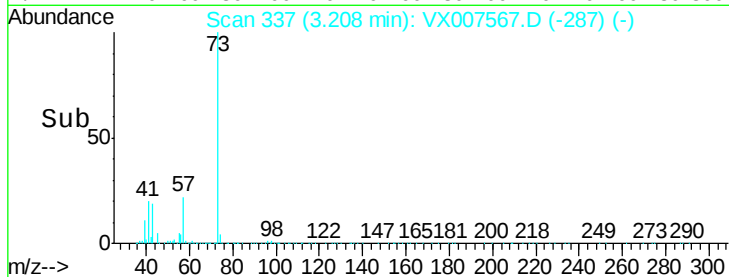
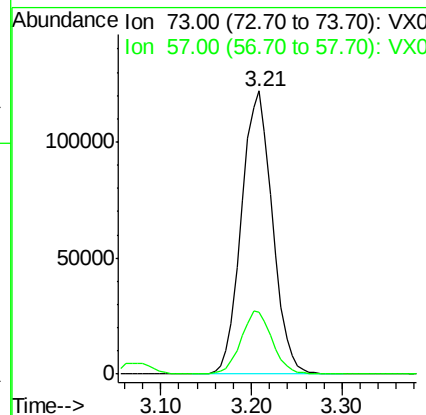
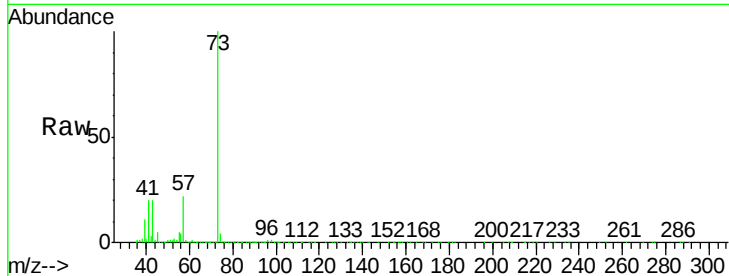
#19
Methvl tert-butvl Ether
Concen: 20.752 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampled :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.8

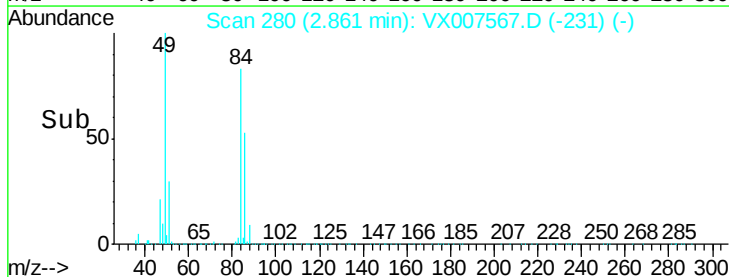
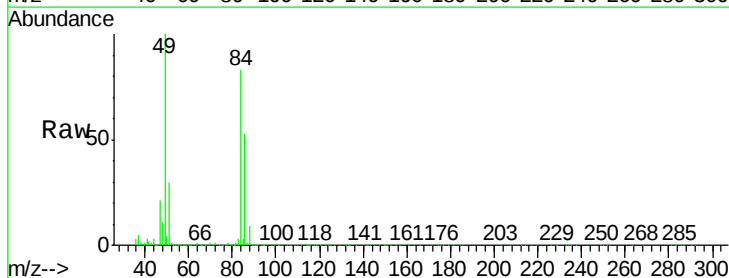
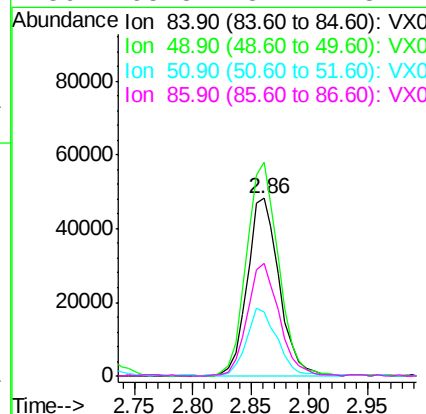
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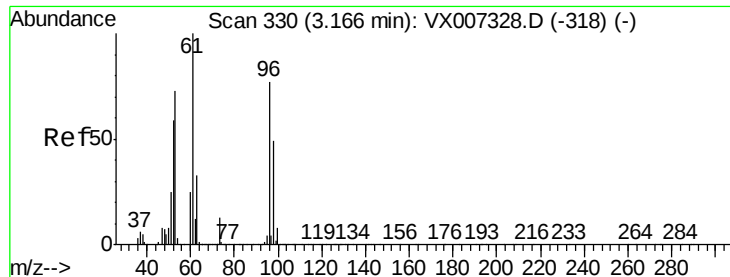
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#20
Methylene Chloride
Concen: 20.506 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	94.8	142.2
51	35.5	29.8	44.8
86	63.8	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 18.559 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

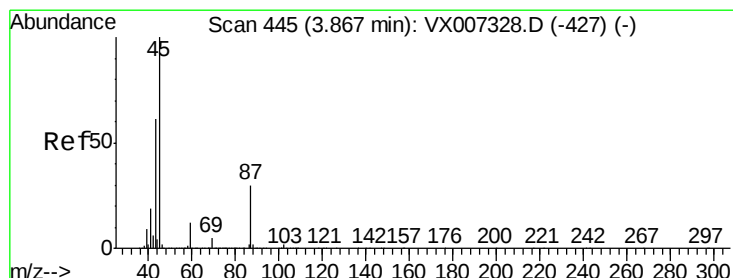
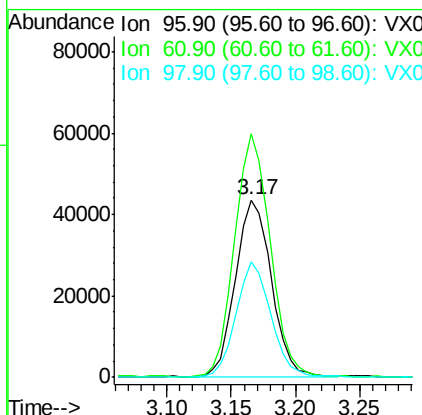
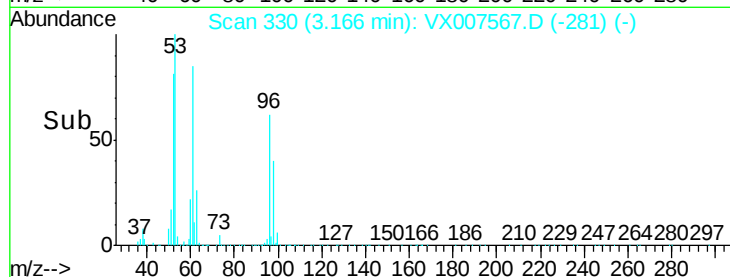
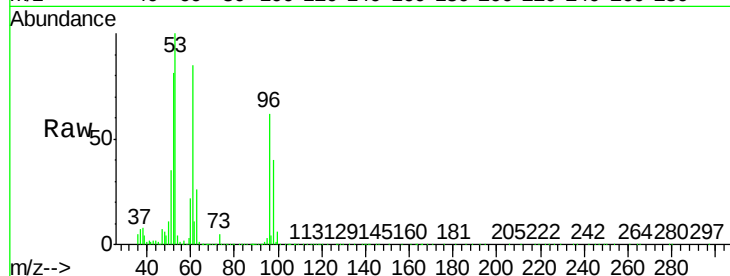
ClientSampleId :

VX0216WBS02

Tot Ion:	96	Resp:	84682
Ion	Ratio	Lower	Upper
96	100		
61	136.9	104.6	156.8
98	65.0	51.0	76.4

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#22

Diisopropyl ether

Concen: 21.306 ug/l

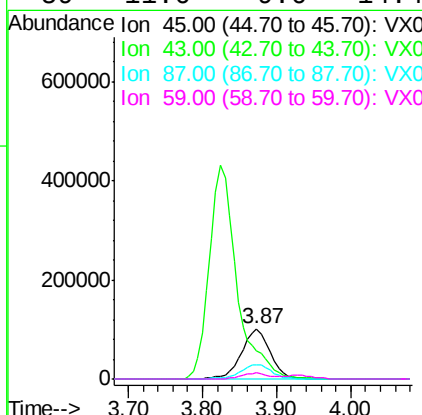
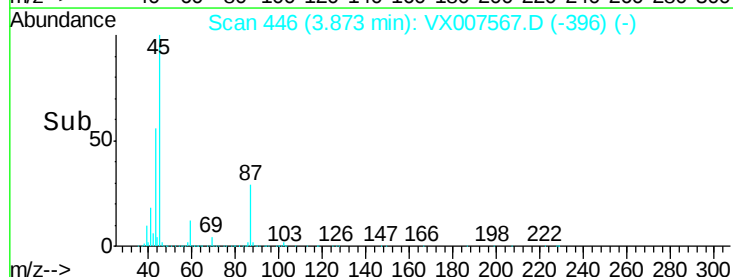
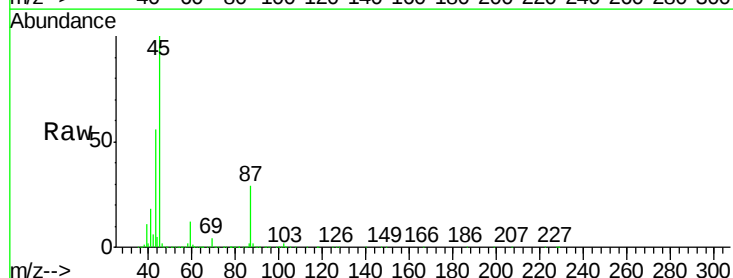
RT: 3.87 min Scan# 446

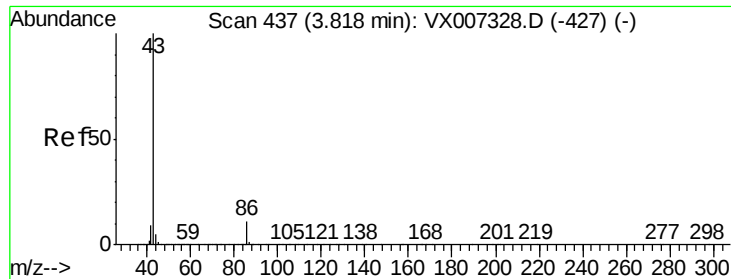
Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	45	Resp:	273519
Ion	Ratio	Lower	Upper
45	100		
43	55.5	48.9	73.3
87	28.9	23.9	35.9
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 104.460 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 43 Resp: 1112824

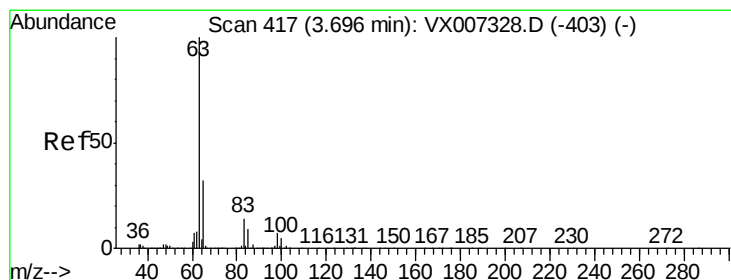
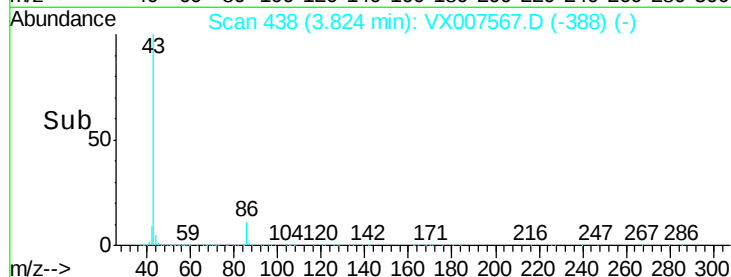
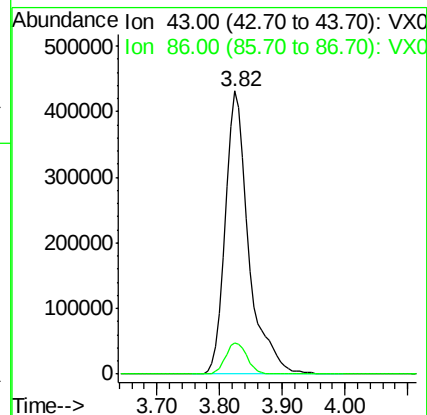
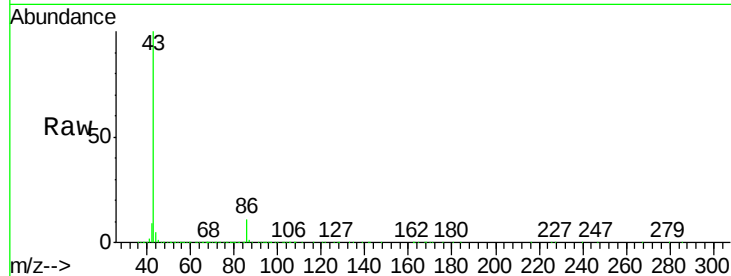
Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1

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2/18/2019 10:40:37 AM



#24

1,1-Dichloroethane

Concen: 20.903 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

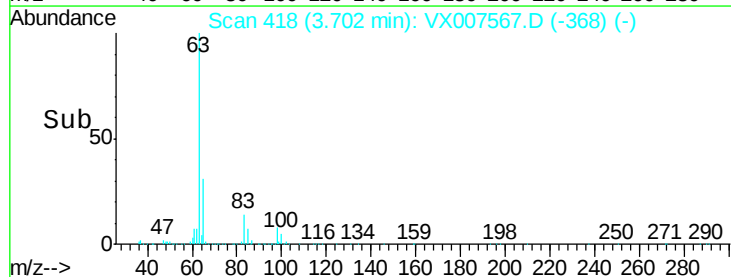
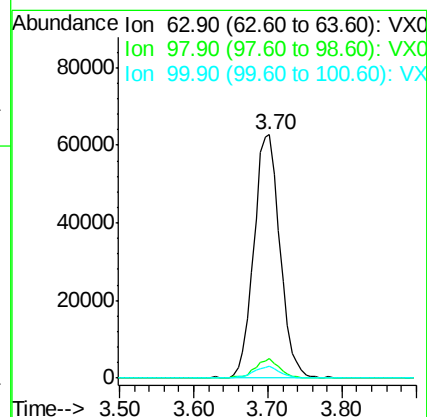
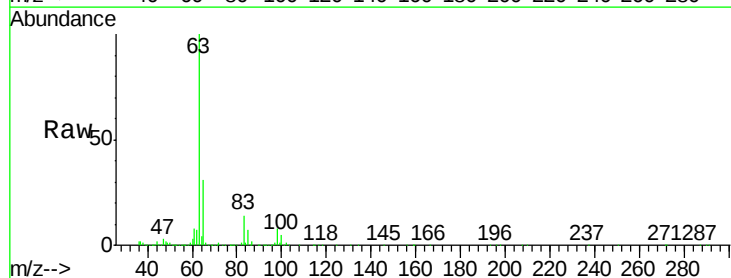
Tgt Ion: 63 Resp: 154108

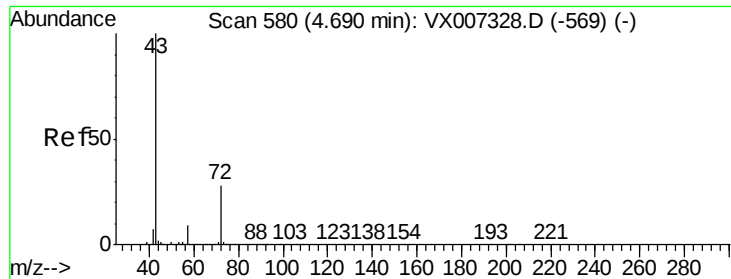
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 113.286 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 43 Resp: 351650

Ion Ratio Lower Upper

43 100

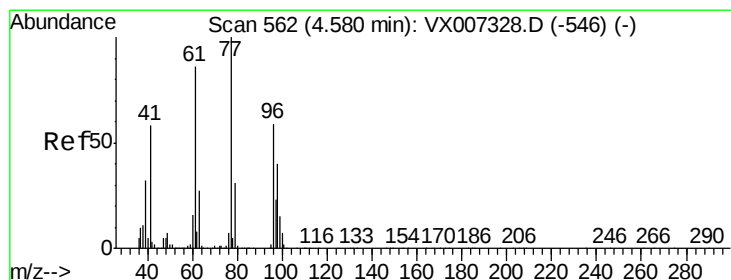
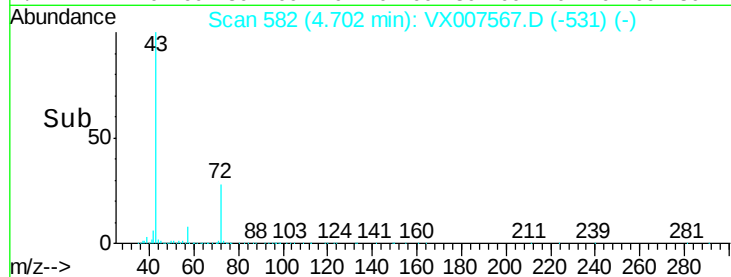
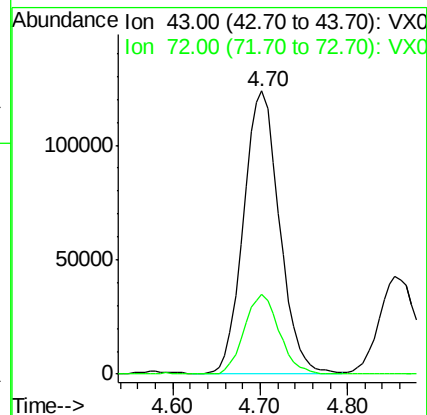
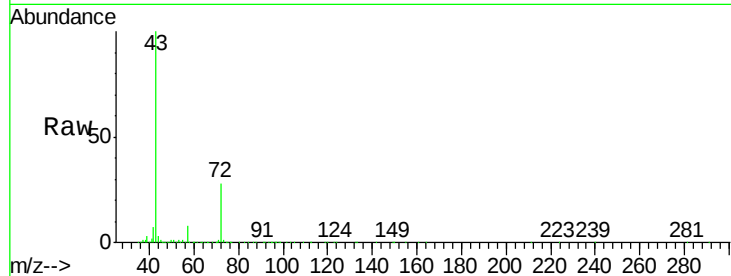
72 28.2 22.2 33.2

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2/18/2019 10:40:37 AM



#26

2,2-Dichloropropane

Concen: 20.626 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007567.D

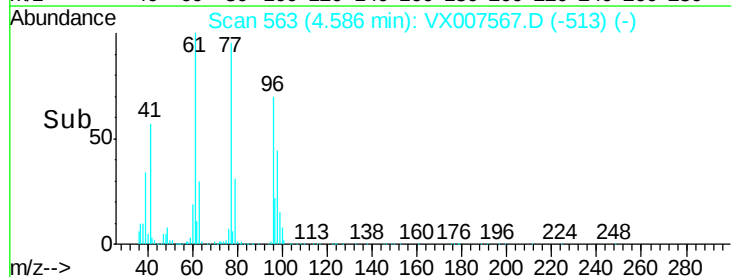
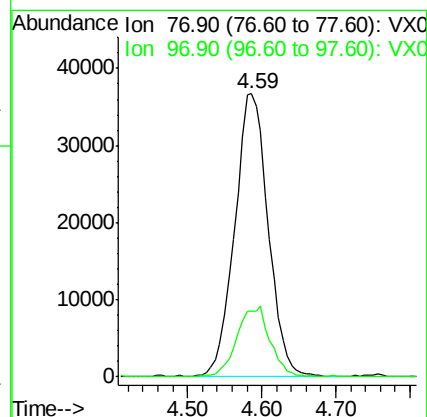
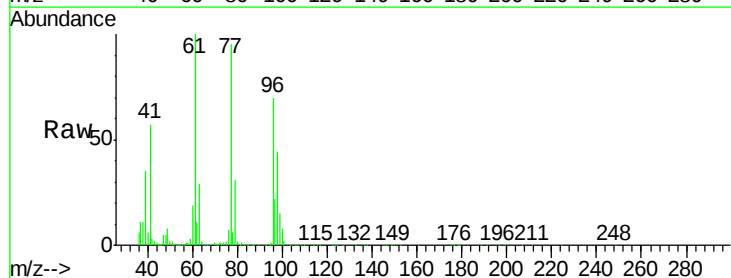
Acq: 15 Feb 2019 14:51

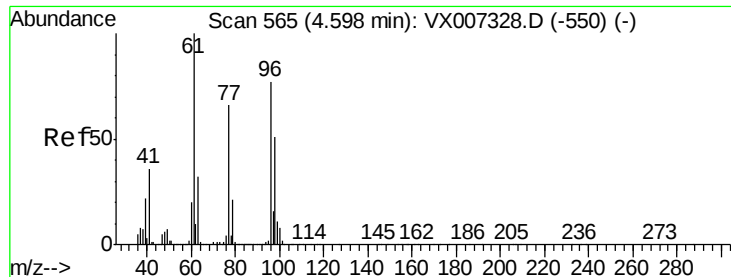
Tgt Ion: 77 Resp: 115806

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3





#27

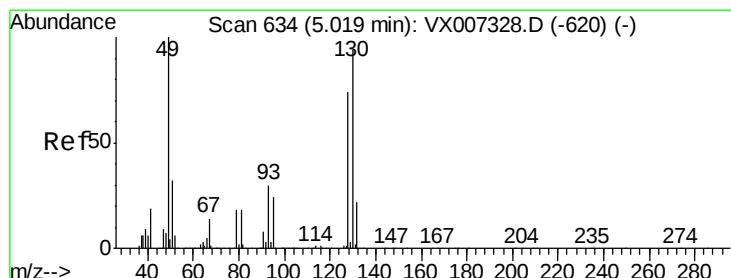
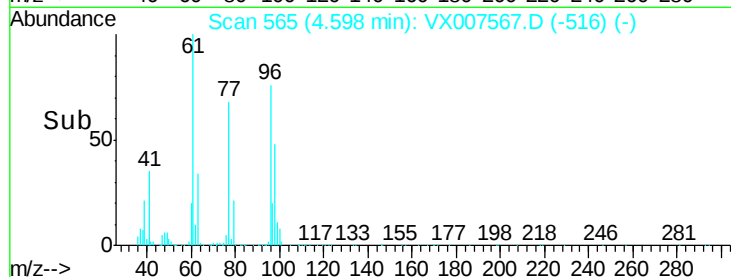
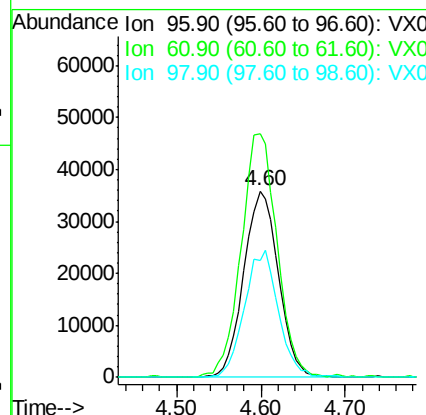
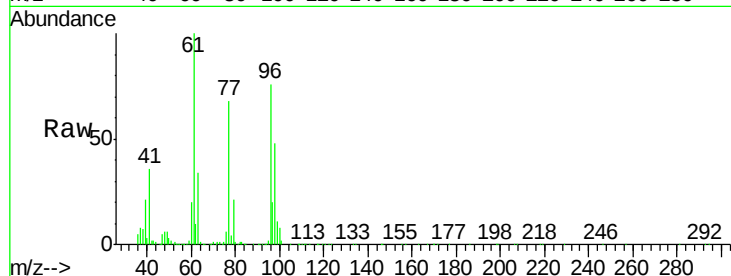
cis-1,2-Dichloroethene
 Concen: 20.089 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100117		
61	134.2		0.0	265.6
98	66.7		0.0	131.6

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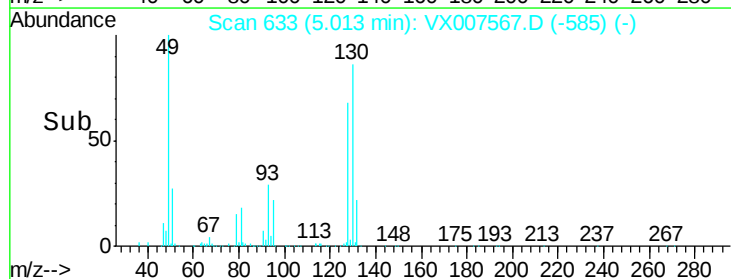
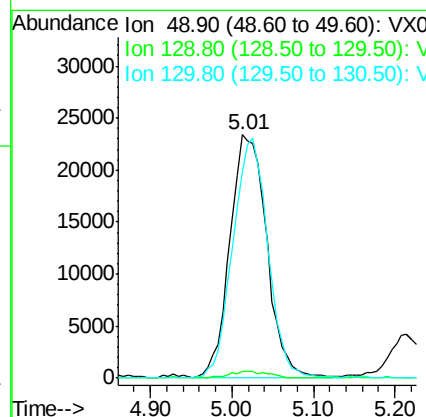
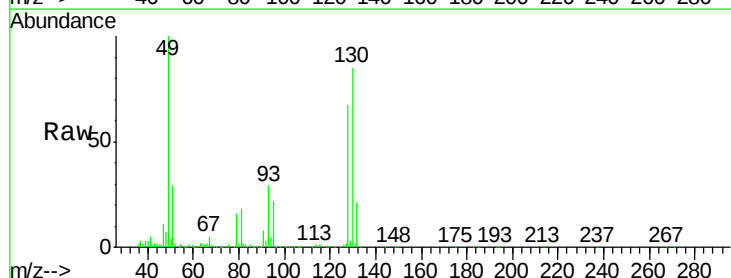
MMDadoda
 2/18/2019 10:40:37 AM



#28

Bromochloromethane
 Concen: 21.405 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72571		
129	2.9		0.0	5.6
130	94.6		75.6	113.4





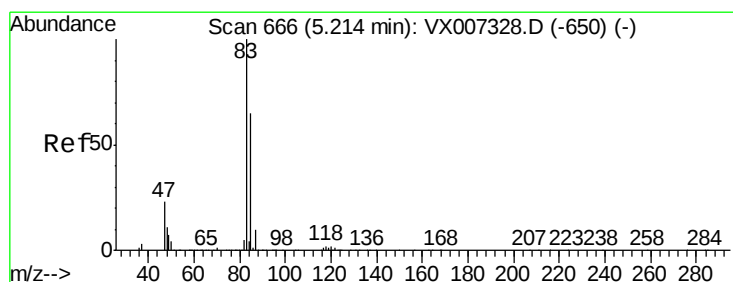
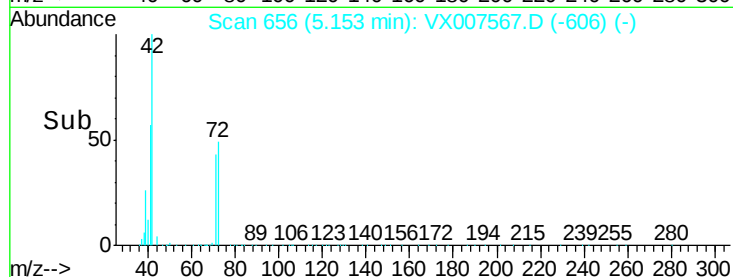
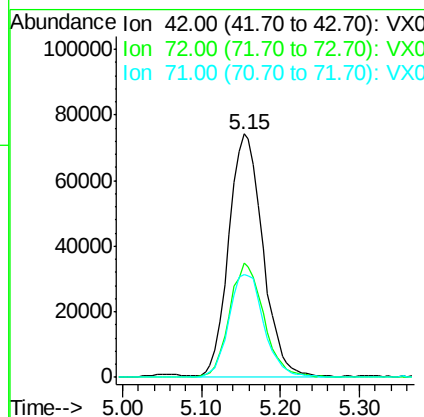
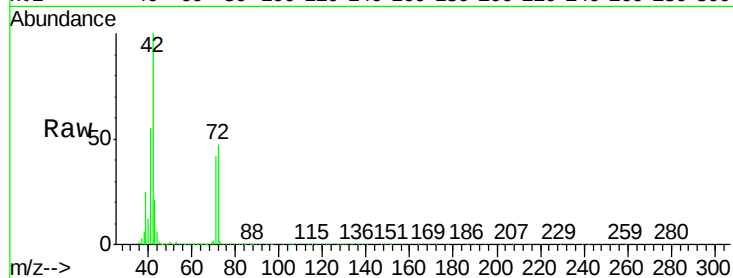
#29
Tetrahydrofuran
Concen: 113.651 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.6	56.4
71	43.8	34.6	51.8

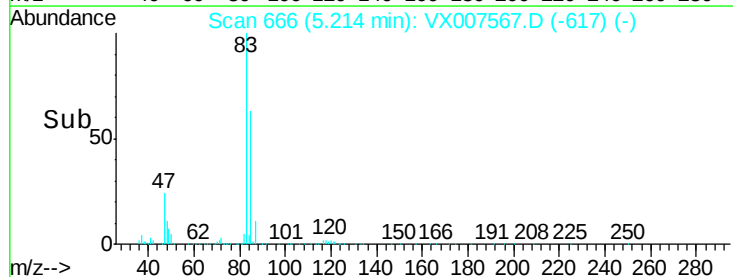
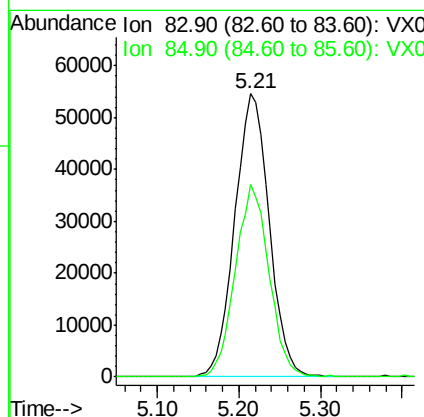
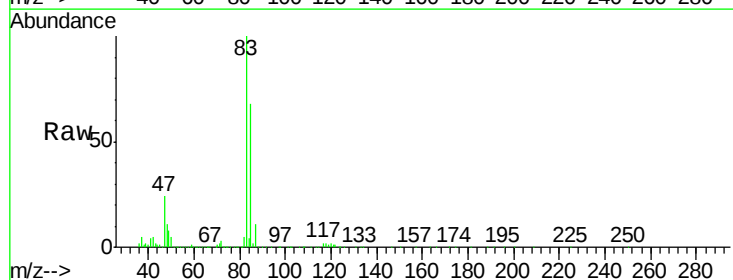
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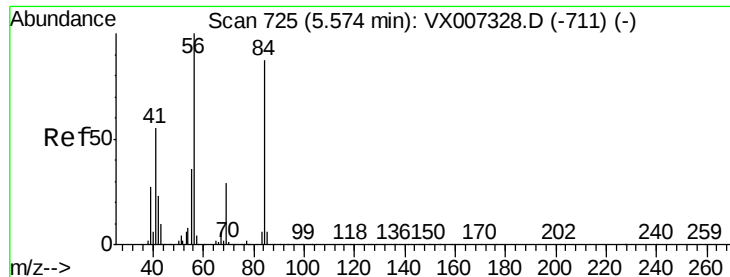
MMDadoda
2/18/2019 10:40:37 AM



#30
Chloroform
Concen: 20.807 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.6	77.4





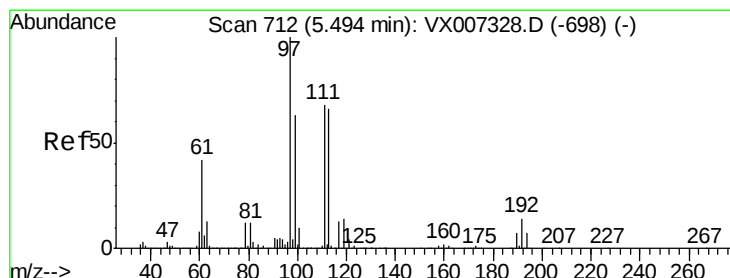
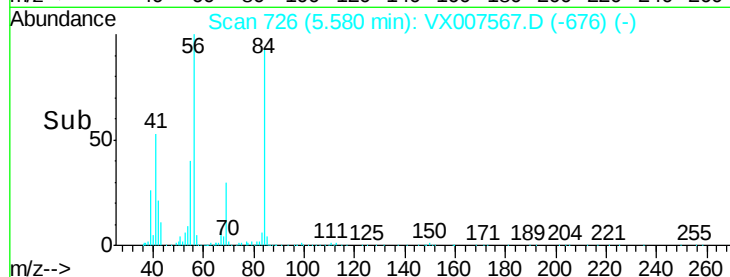
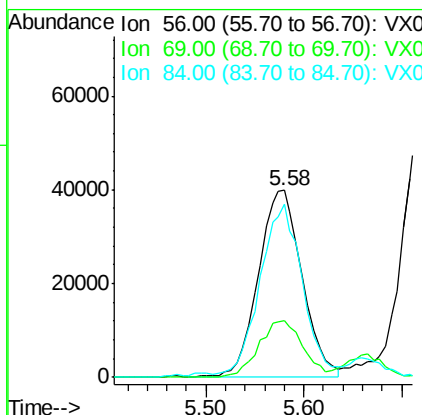
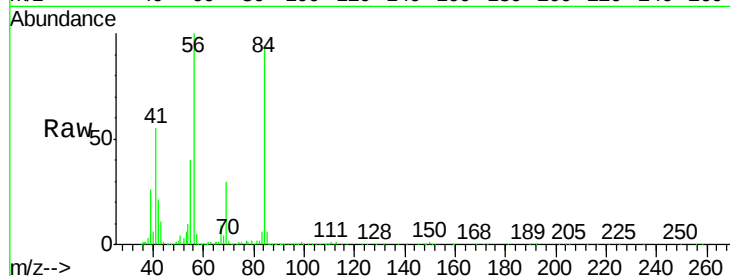
#31
Cyclohexane
Concen: 18.759 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.0	34.6
84	92.0	69.8	104.6

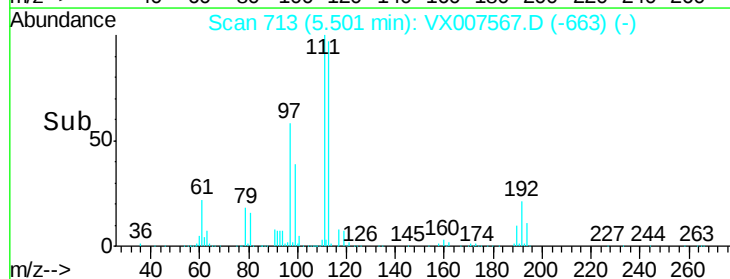
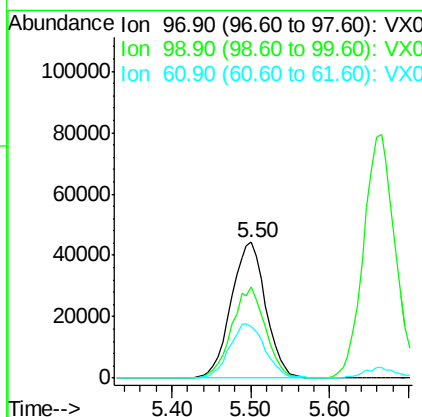
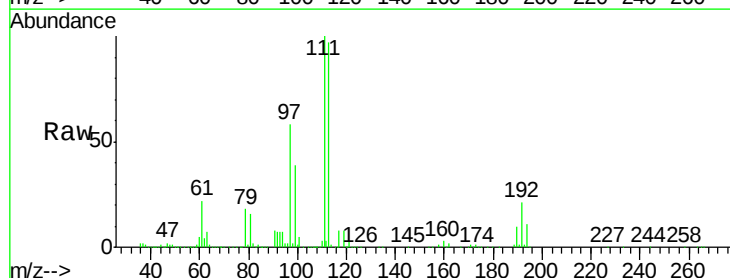
Manual Integrations
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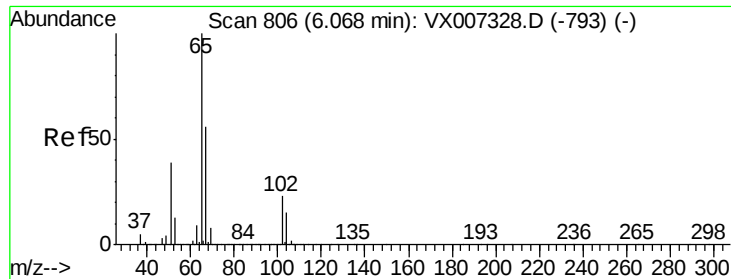
MMDadoda
2/18/2019 10:40:37 AM



#32
1,1,1-Trichloroethane
Concen: 20.764 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.2	78.2
61	41.0	32.7	49.1





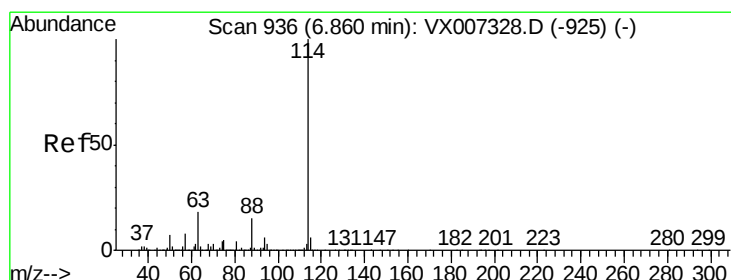
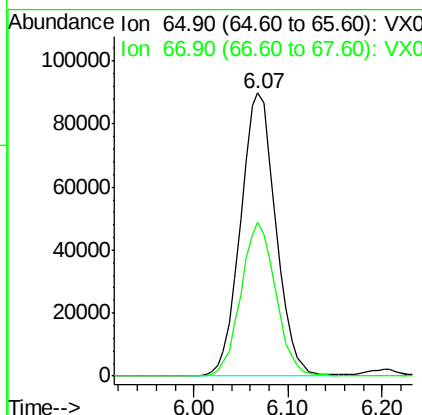
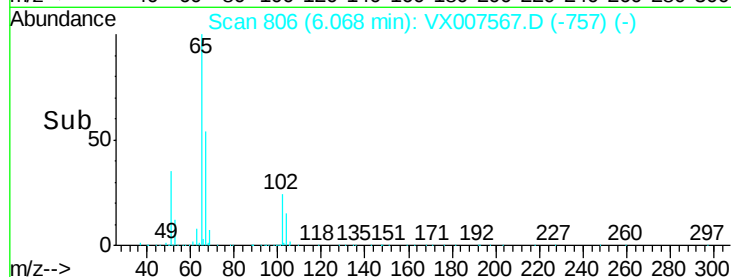
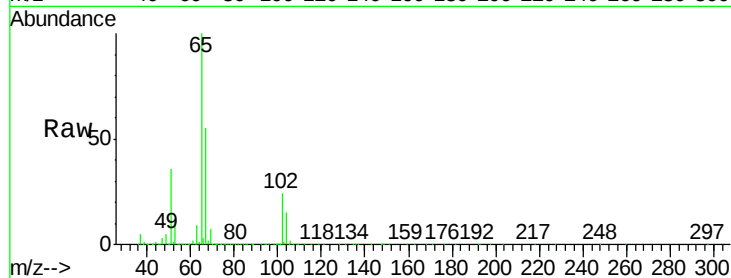
#33
 1,2-Dichloroethane-d4
 Concen: 49.277 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.8

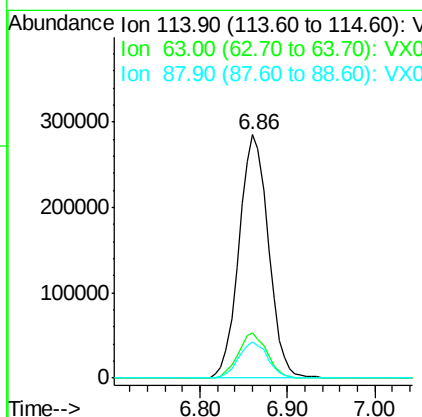
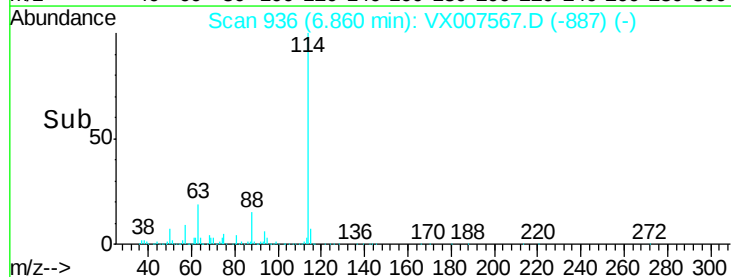
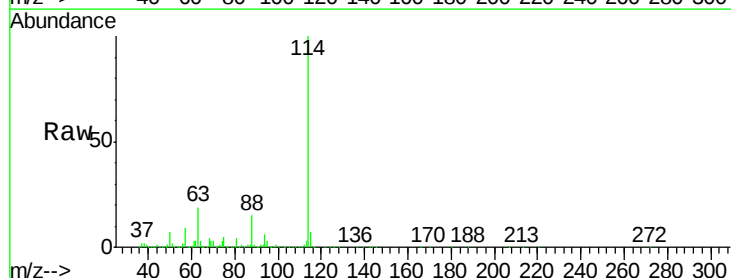
Manual Integrations
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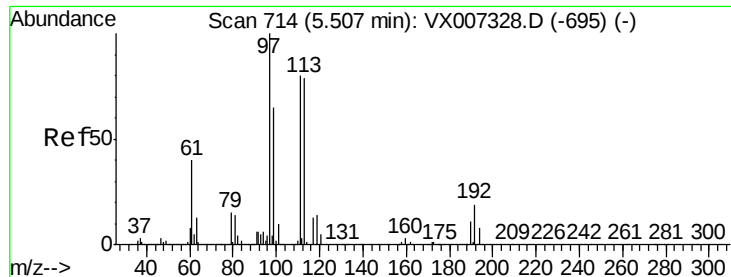
MMDadoda
 2/18/2019 10:40:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.6
88	15.1	0.0	29.6





#35

Dibromofluoromethane

Concen: 49.254 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007567.D

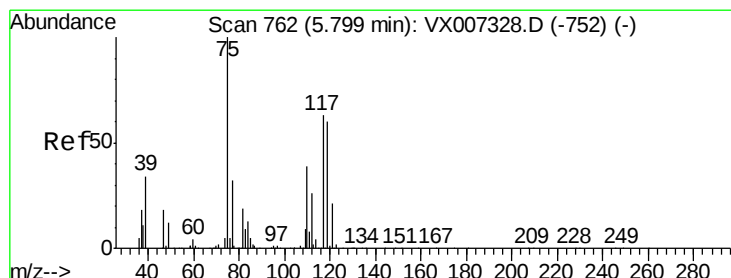
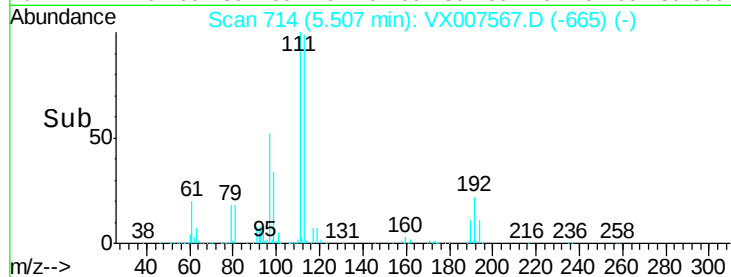
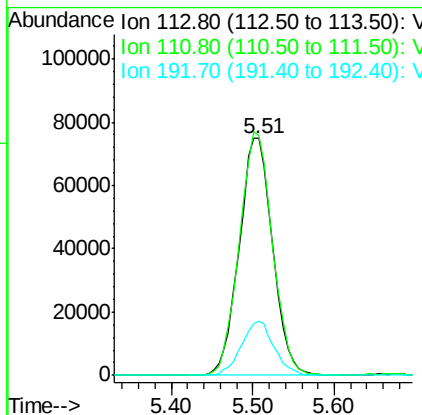
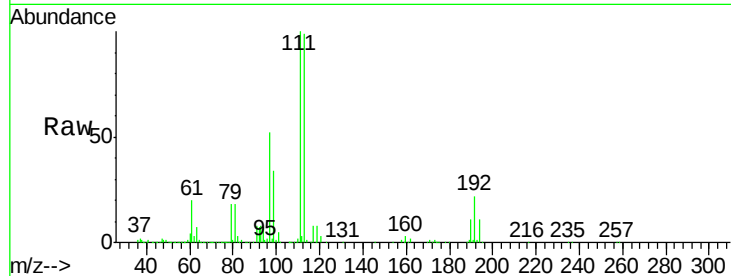
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion:	113	Resp:	213560
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.8	122.8
192	22.4	18.5	27.7

Manual Integrations
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2/18/2019 10:40:37 AM



#36

1,1-Dichloropropene

Concen: 18.654 ug/l

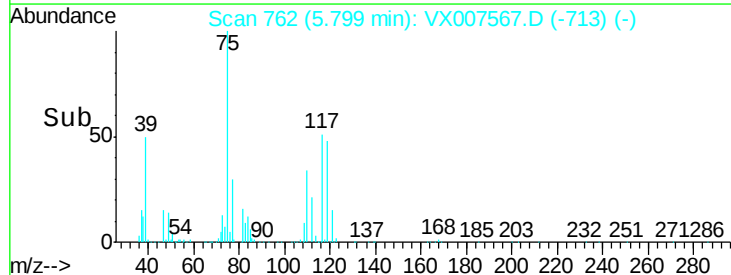
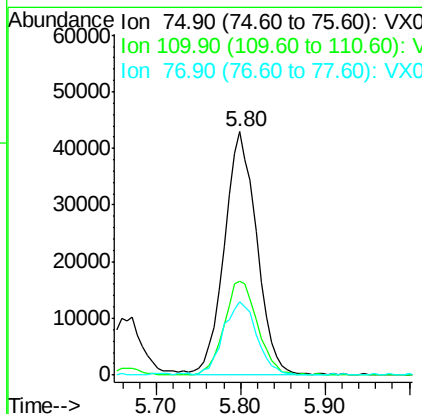
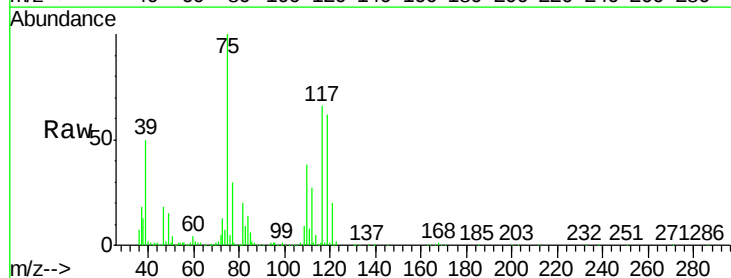
RT: 5.80 min Scan# 762

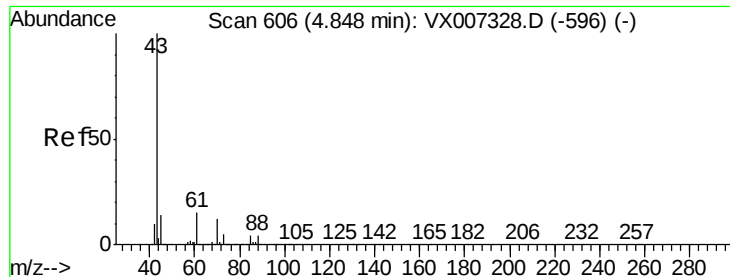
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	75	Resp:	111535
Ion Ratio	Lower	Upper	
75	100		
110	40.0	20.0	59.9
77	31.5	24.7	37.1





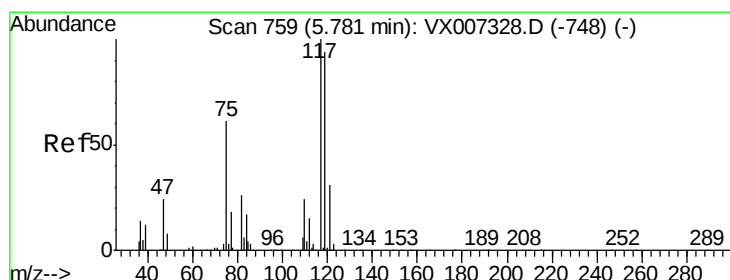
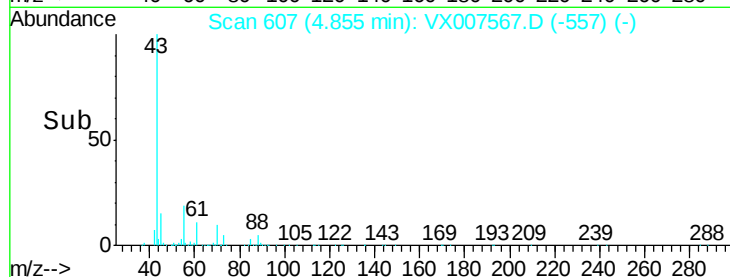
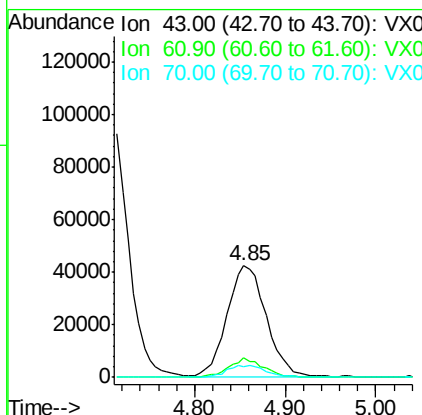
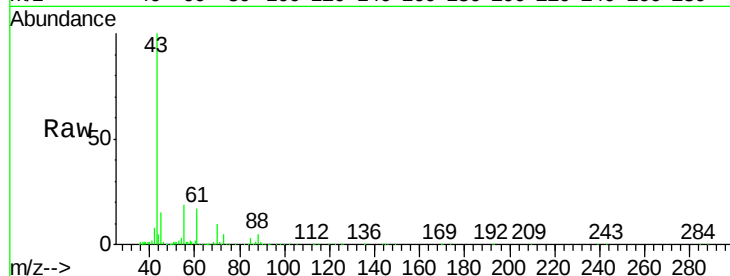
#37
Ethyl Acetate
Concen: 20.960 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	11.1	8.6	13.0

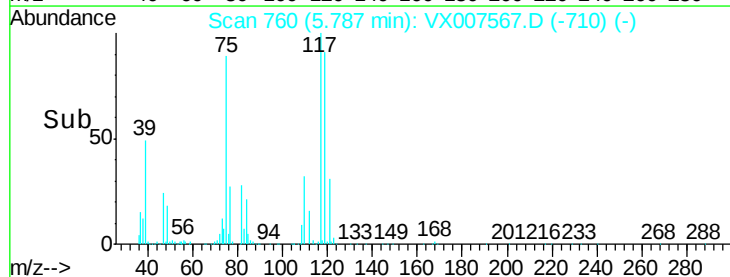
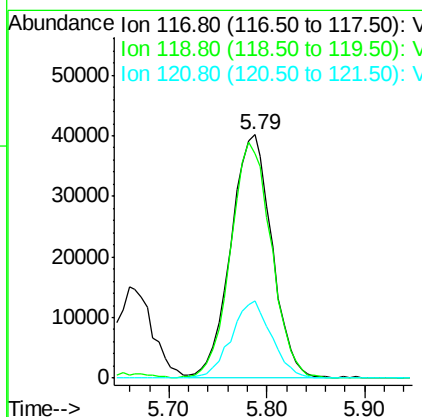
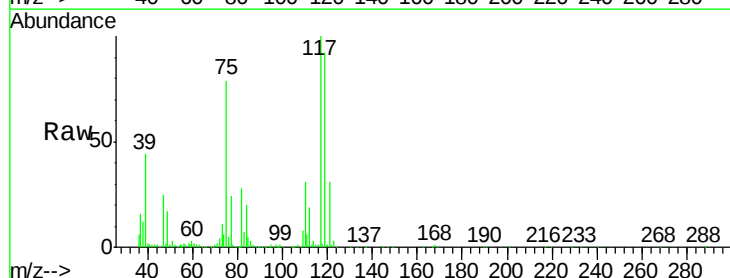
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#38
Carbon Tetrachloride
Concen: 20.081 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.3	112.9
121	31.4	25.0	37.4





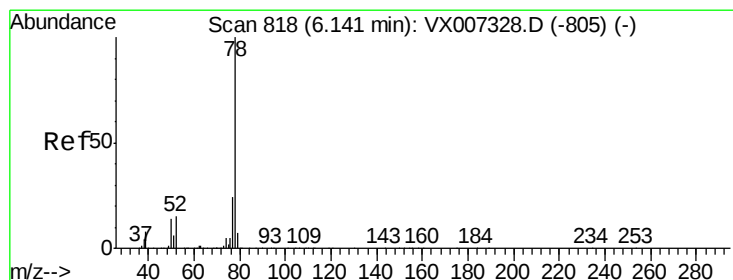
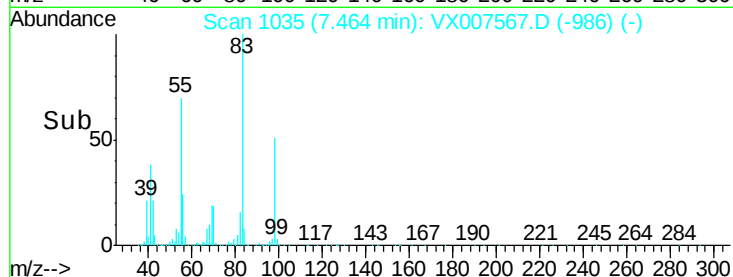
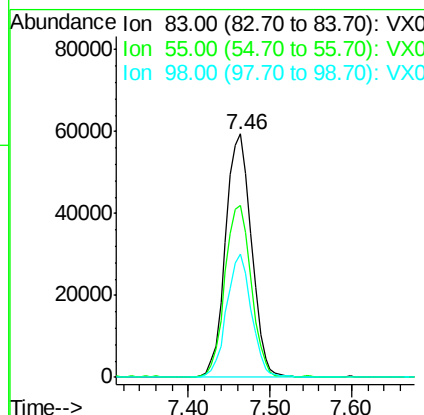
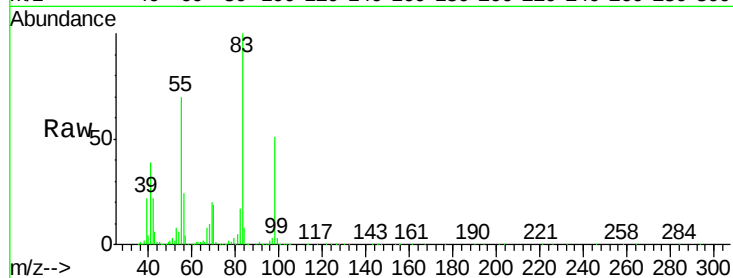
#39
Methvlcvclohexane
Concen: 18.005 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.2	84.2
98	50.7	36.8	55.2

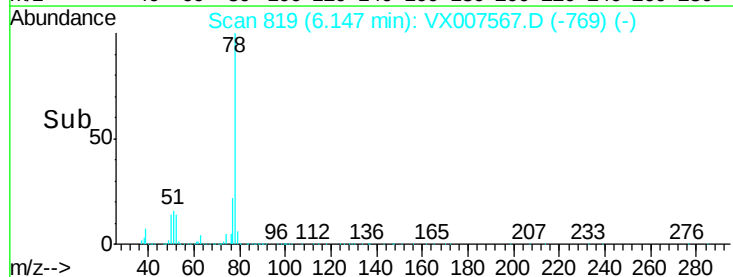
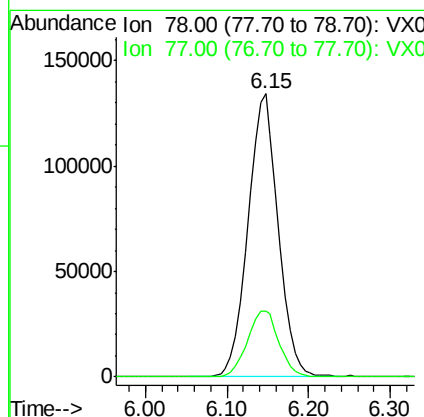
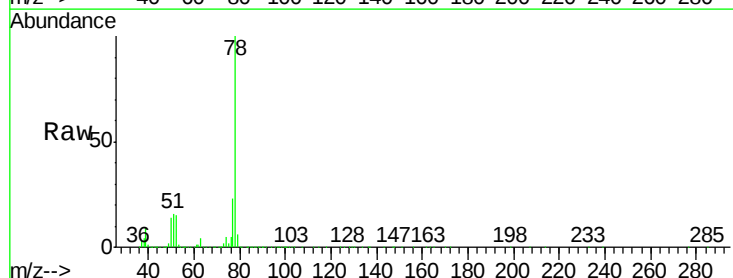
Manual Integrations
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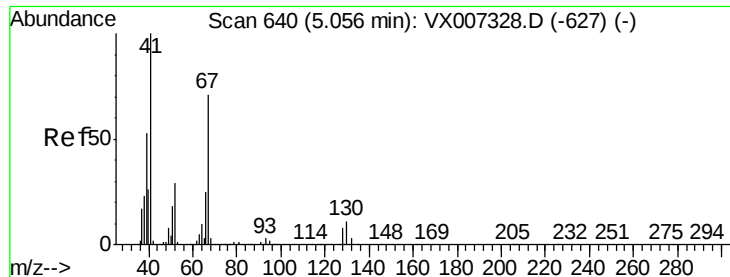
MMDadoda
2/18/2019 10:40:37 AM



#40
Benzene
Concen: 19.673 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





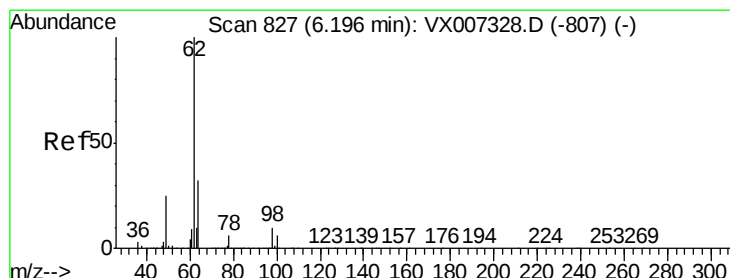
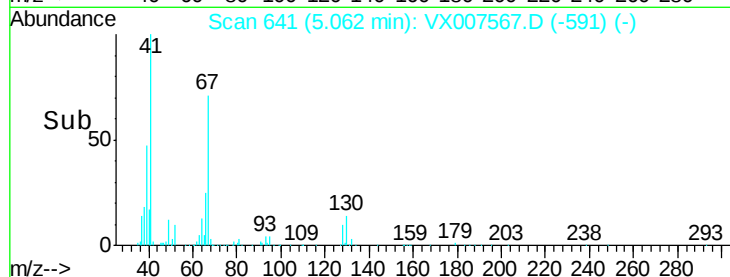
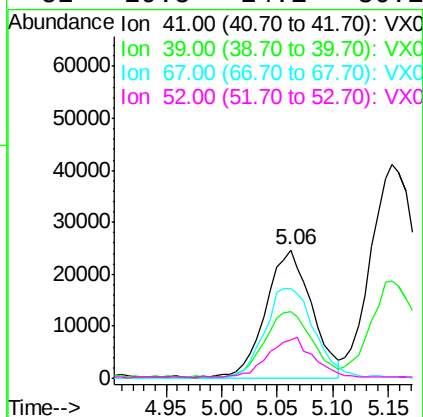
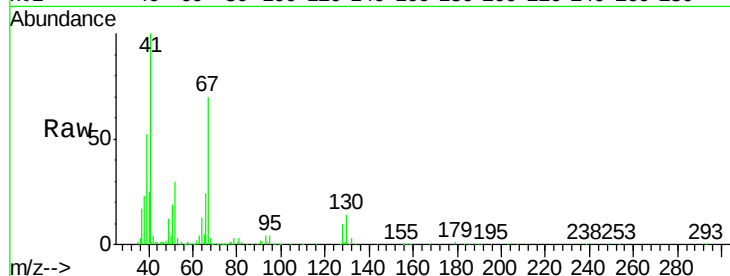
#41
Methacrylonitrile
Concen: 21.712 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	44.5	66.7	
67	77.8	60.4	90.6	
52	29.5	24.1	36.1	

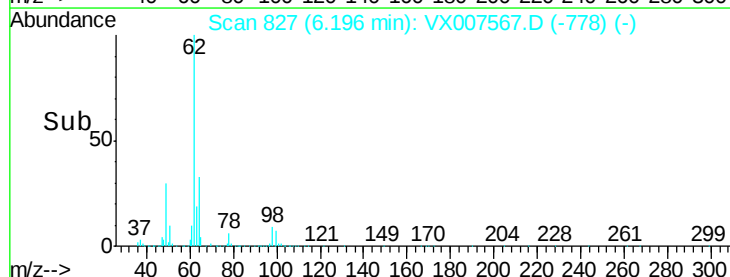
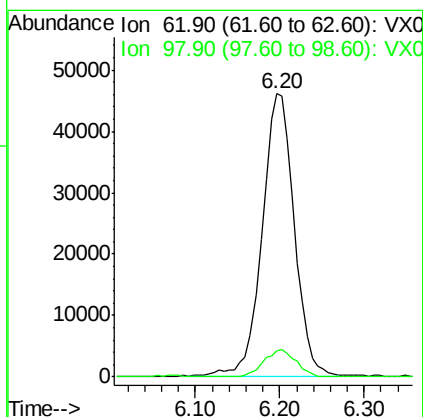
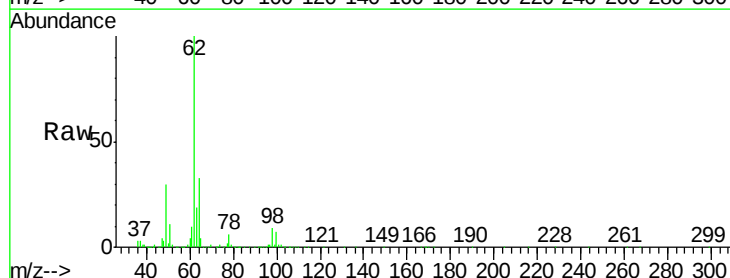
Manual Integrations
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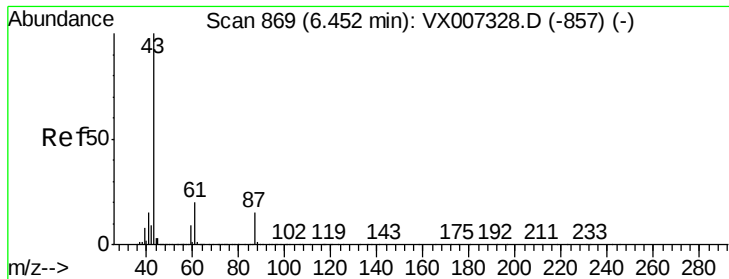
MMDadoda
2/18/2019 10:40:37 AM



#42
1,2-Dichloroethane
Concen: 19.744 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

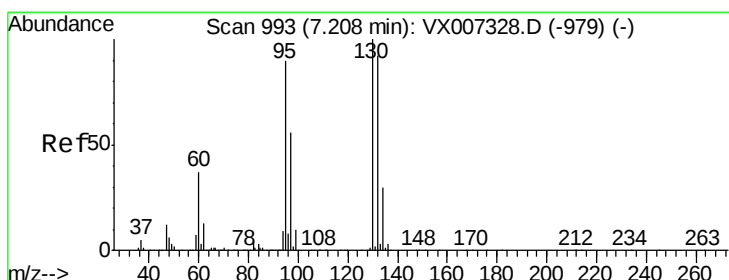
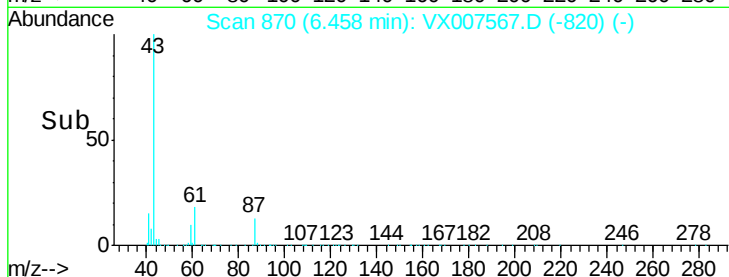
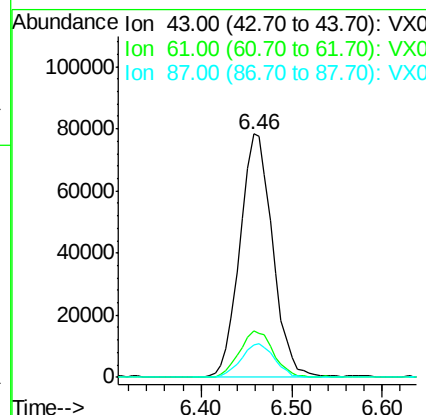
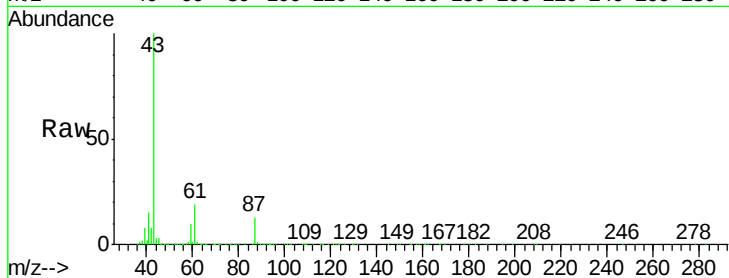
Isopropyl Acetate
 Concen: 21.095 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.1	24.1
87	14.2	11.5	17.3

Manual Integrations
 APPROVED

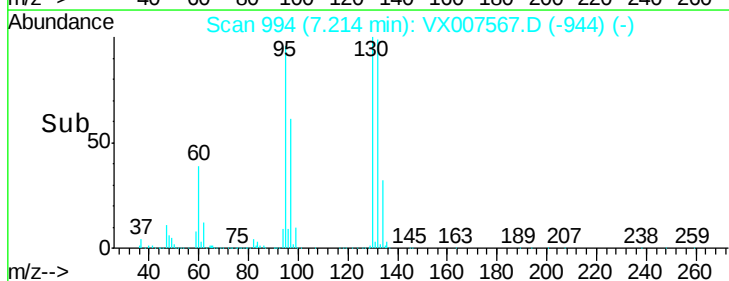
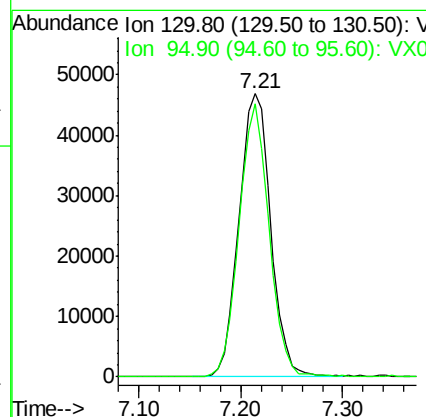
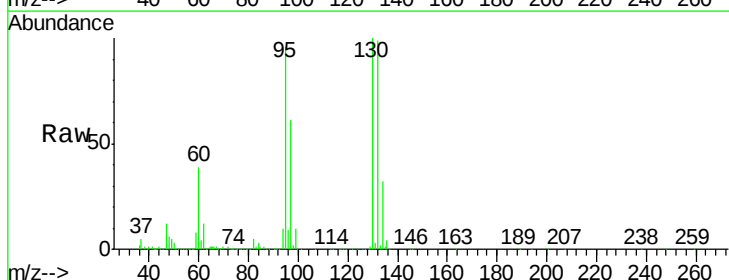
MMDadoda
 2/18/2019 10:40:37 AM

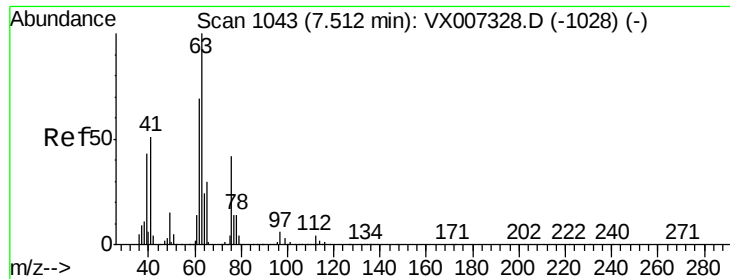


#44

Trichloroethene
 Concen: 19.018 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.603 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 63 Resp: 90917

Ion Ratio Lower Upper

63 100

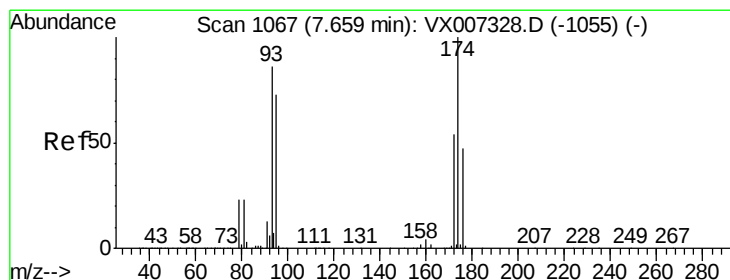
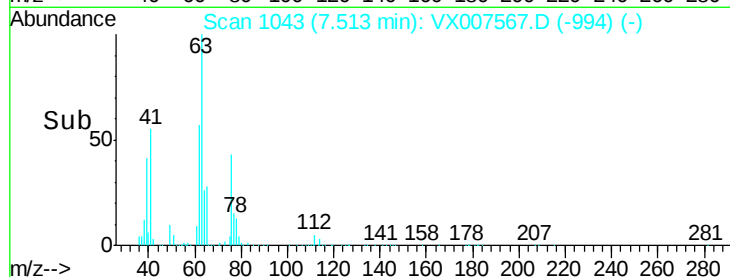
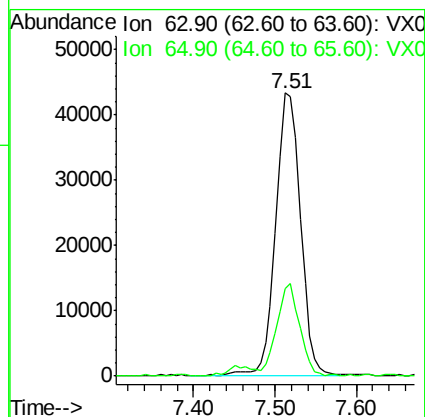
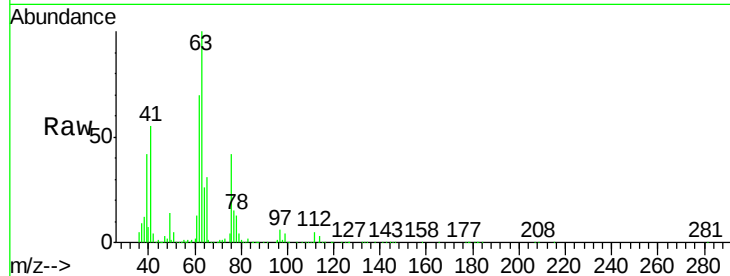
65 30.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.801 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

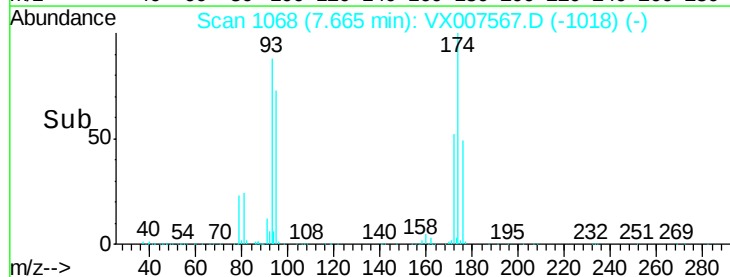
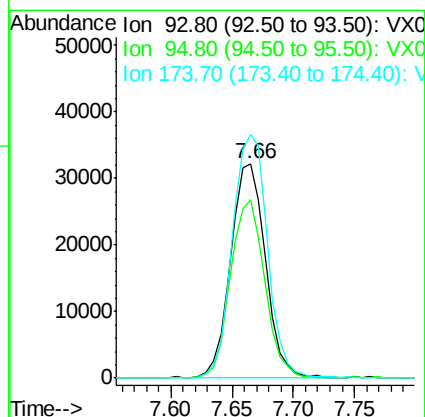
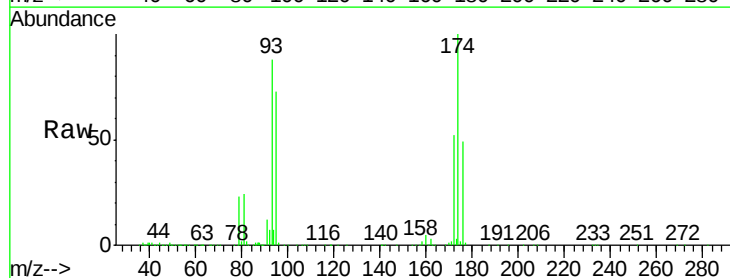
Tgt Ion: 93 Resp: 63508

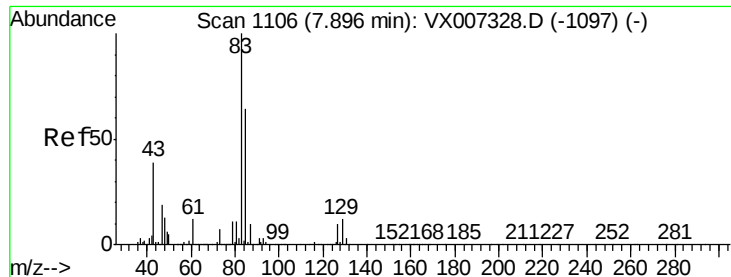
Ion Ratio Lower Upper

93 100

95 81.9 67.6 101.4

174 114.3 94.2 141.4





#47

Bromodichloromethane

Concen: 20.427 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

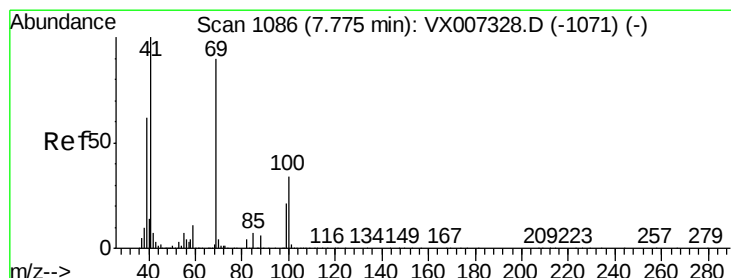
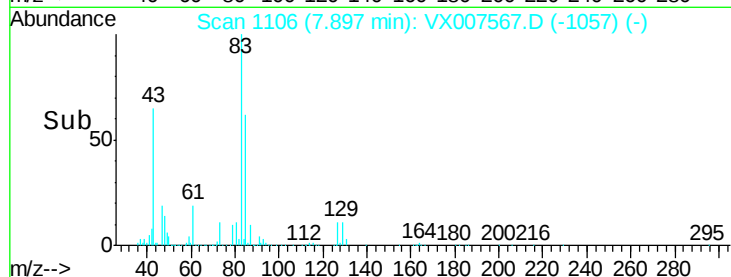
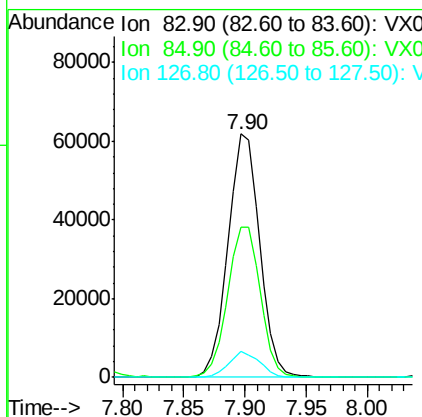
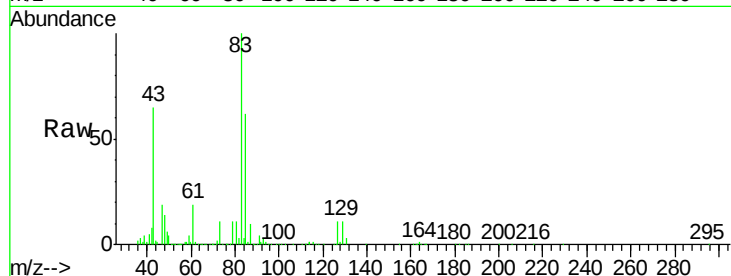
ClientSampleId :

VX0216WBS02

Tot Ion	83	Resp	111035
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.4	77.0
127	10.6	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.504 ug/l

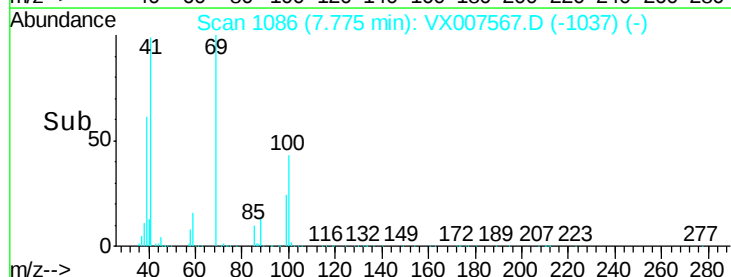
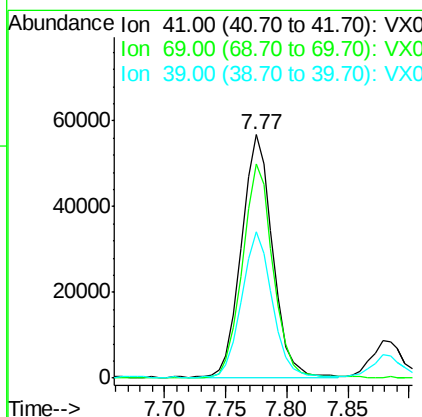
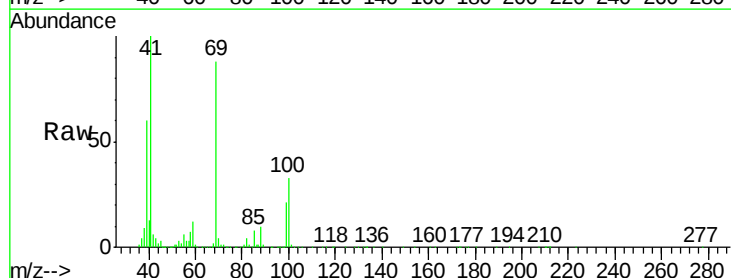
RT: 7.77 min Scan# 1086

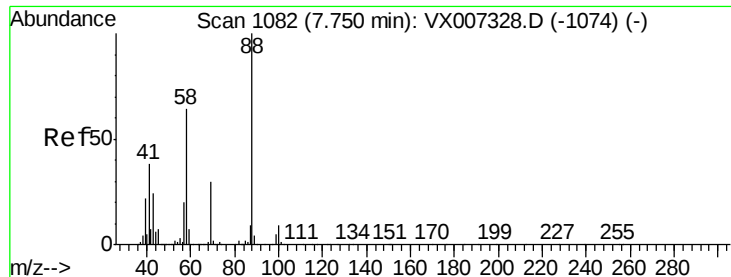
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion	41	Resp	100347
Ion	Ratio	Lower	Upper
41	100		
69	87.3	70.2	105.4
39	58.6	47.4	71.0





#49

1,4-Dioxane

Concen: 427.054 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

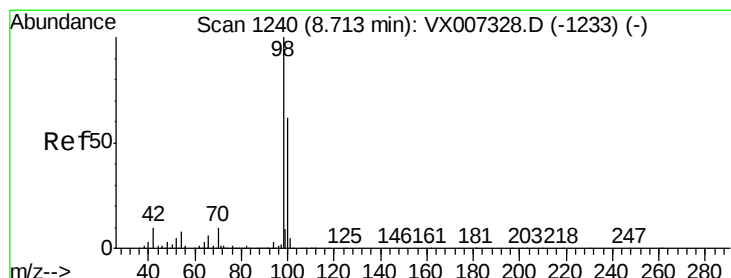
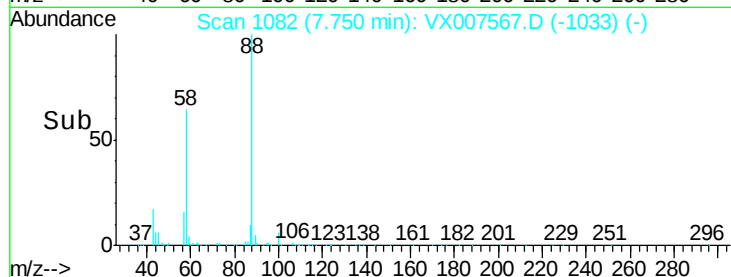
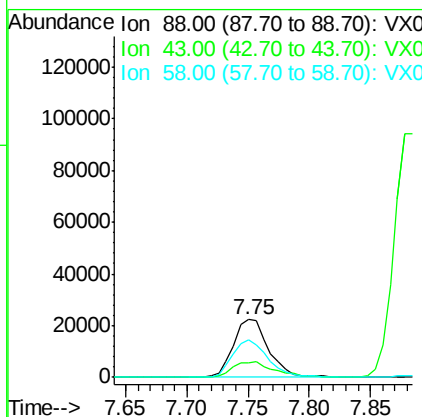
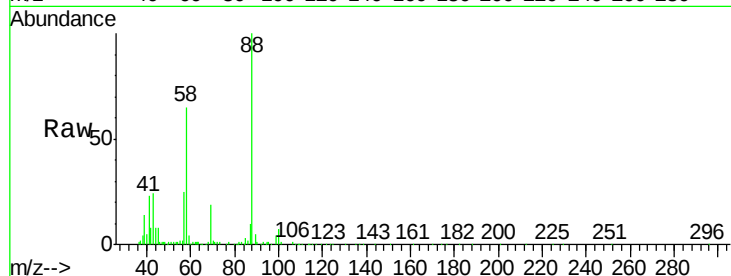
ClientSampleId :

VX0216WBS02

Tot Ion:	88	Resp:	44899
Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	65.5	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 46.619 ug/l

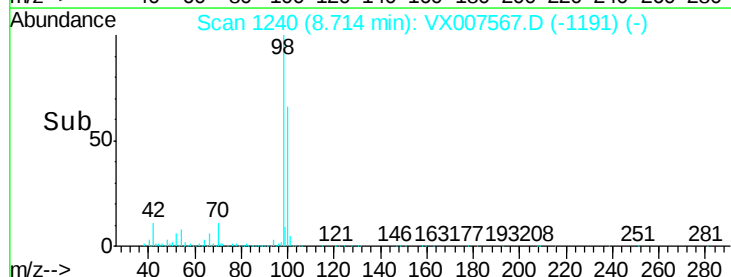
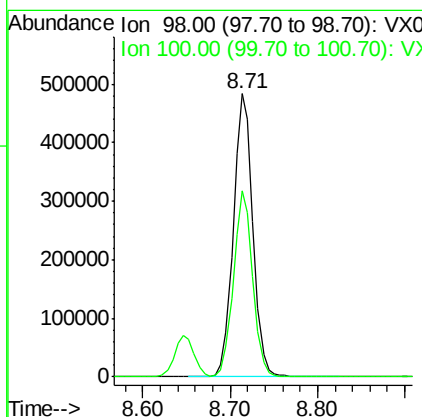
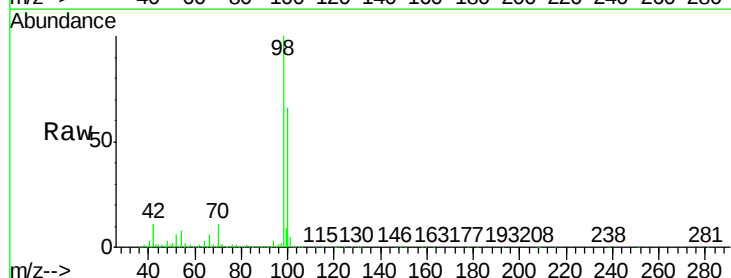
RT: 8.71 min Scan# 1240

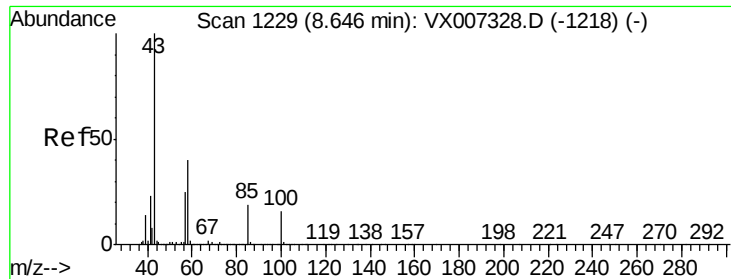
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	98	Resp:	749968
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 107.746 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 43 Resp: 661713

Ion Ratio Lower Upper

43 100

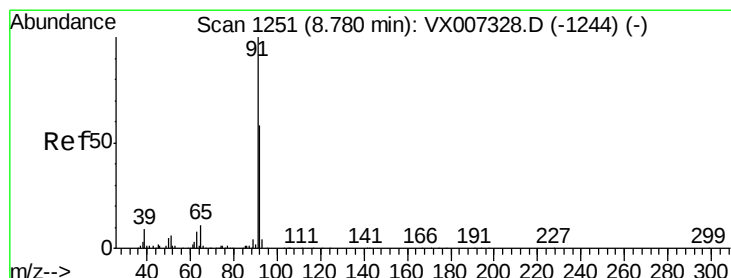
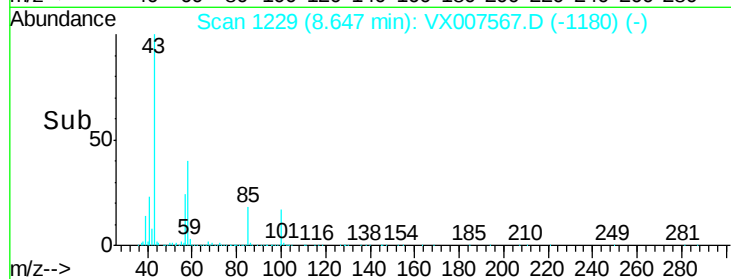
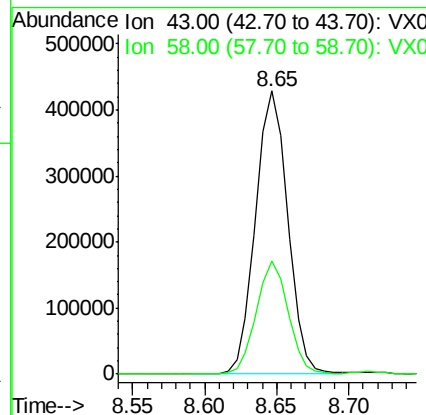
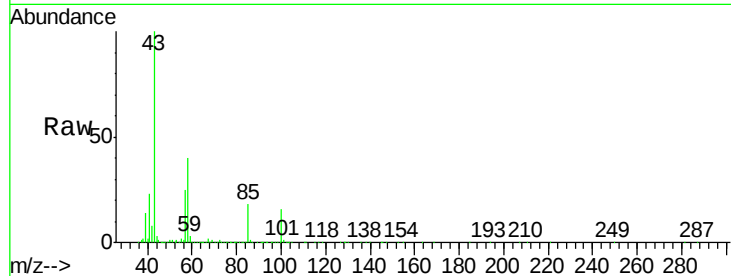
58 39.2 31.2 46.8

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#52

Toluene

Concen: 19.269 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007567.D

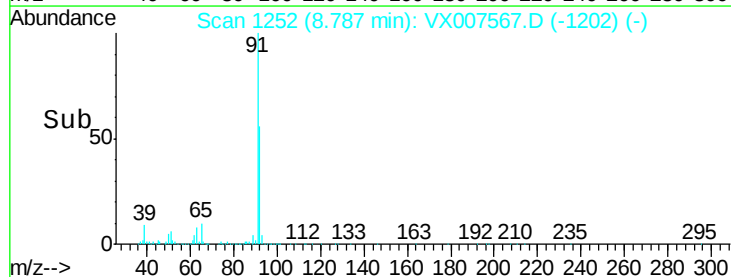
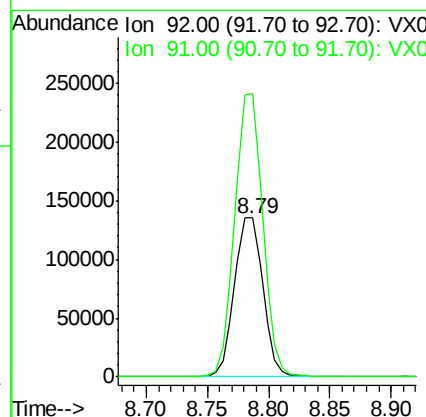
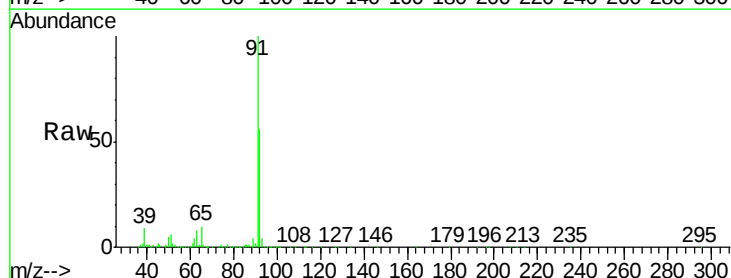
Acq: 15 Feb 2019 14:51

Tgt Ion: 92 Resp: 218961

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7





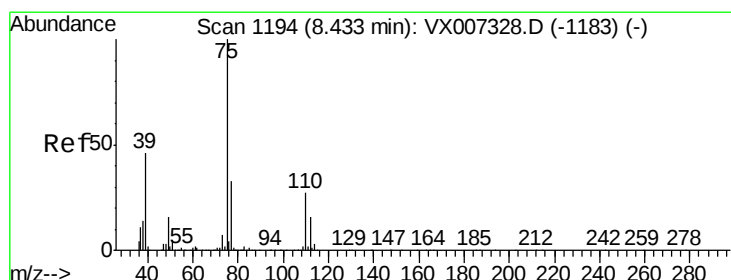
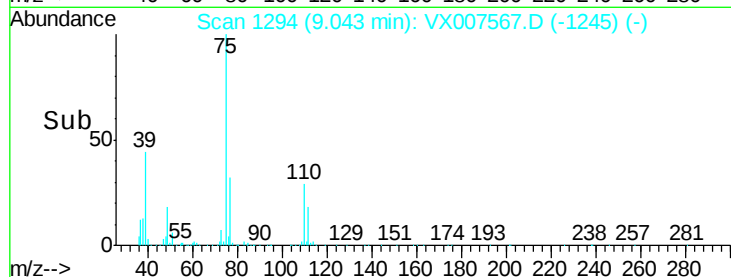
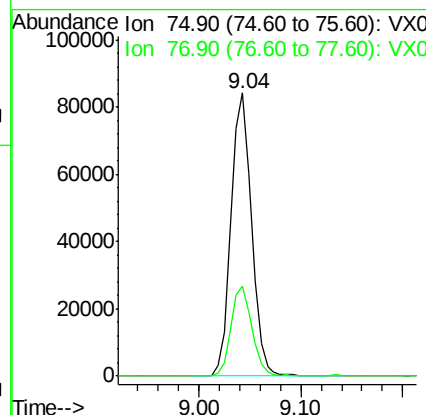
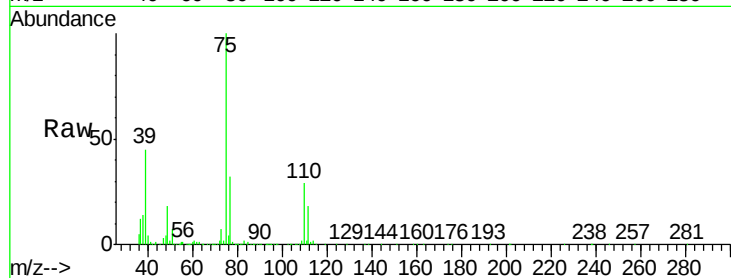
#53
 t-1,3-Dichloropropene
 Concen: 19.981 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion: 75 Resp: 116662
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8

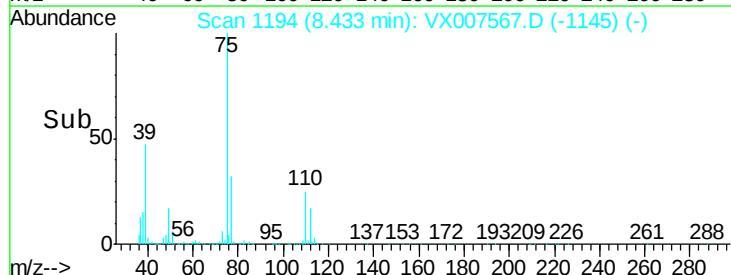
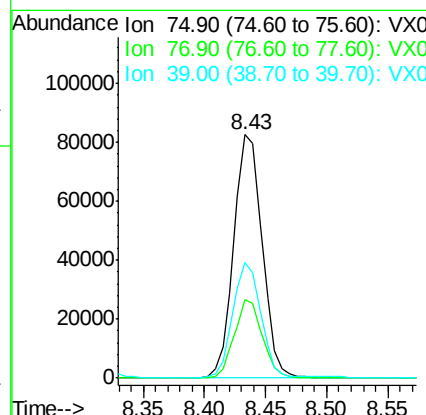
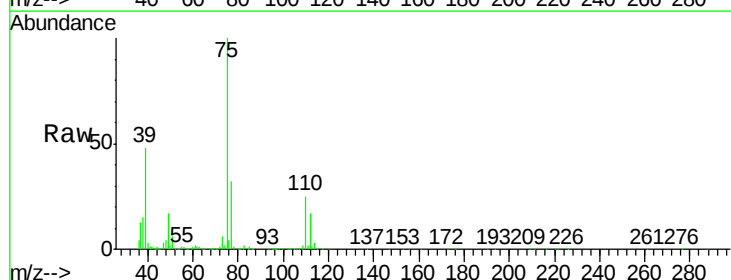
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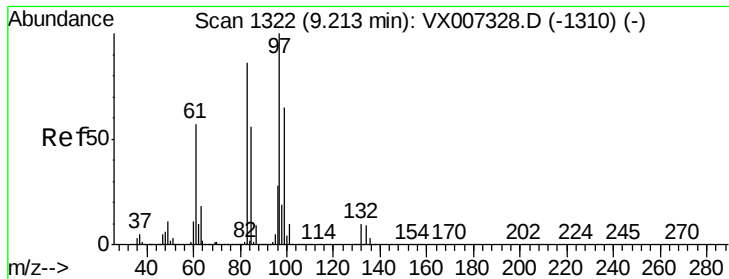
MMDadoda
 2/18/2019 10:40:37 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.663 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion: 75 Resp: 132672
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.4
 39 47.4 37.1 55.7





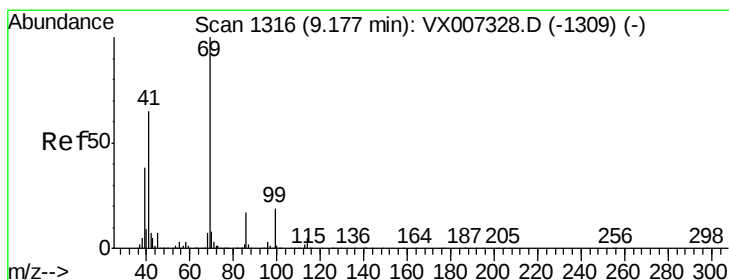
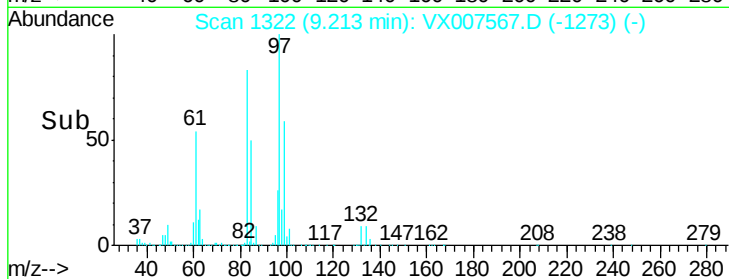
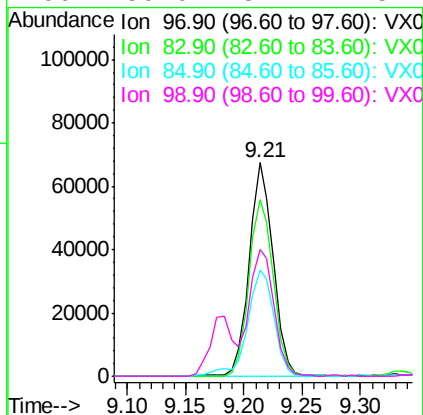
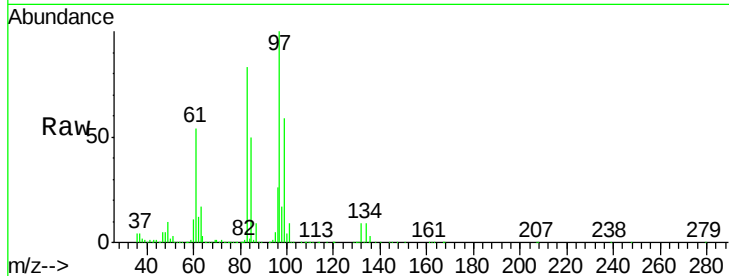
#55
 1,1,2-Trichloroethane
 Concen: 20.564 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		97406		
83	82.7	68.6	102.8		
85	50.0	44.5	66.7		
99	59.0	52.2	78.4		

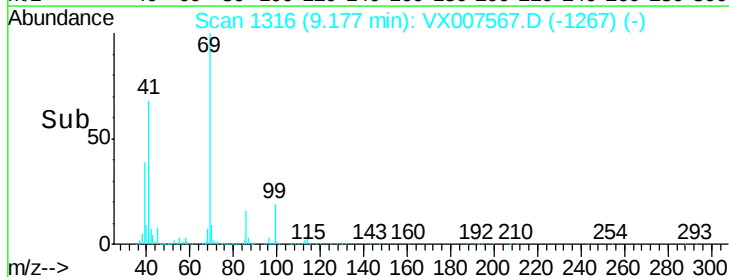
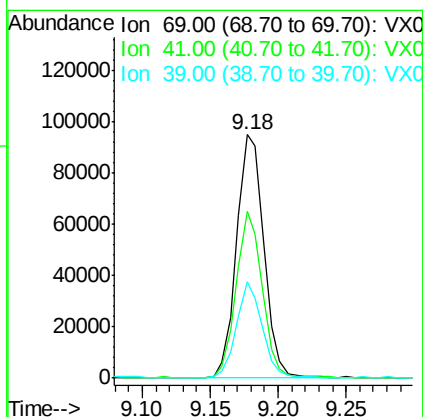
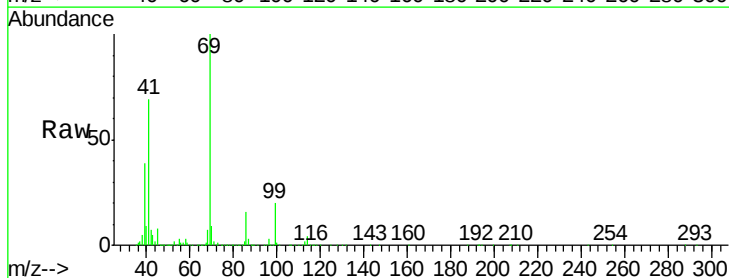
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 20.257 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		132893		
41	65.1	52.1	78.1		
39	37.0	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 20.380 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 76 Resp: 153521

Ion Ratio Lower Upper

76 100

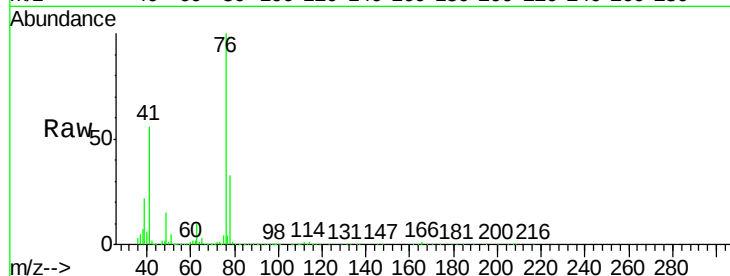
78 33.3 25.8 38.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

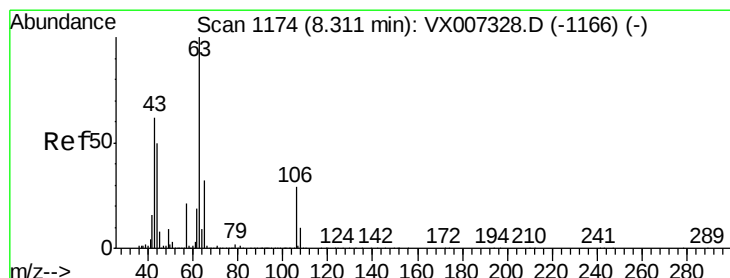
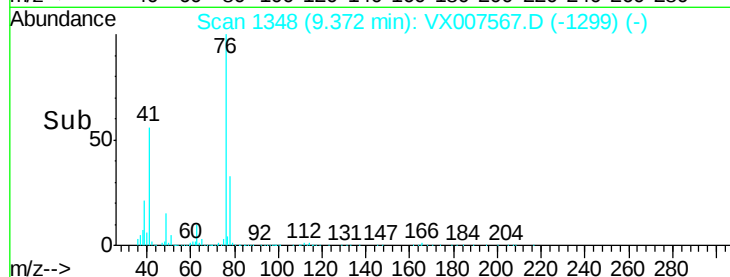
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.563 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007567.D

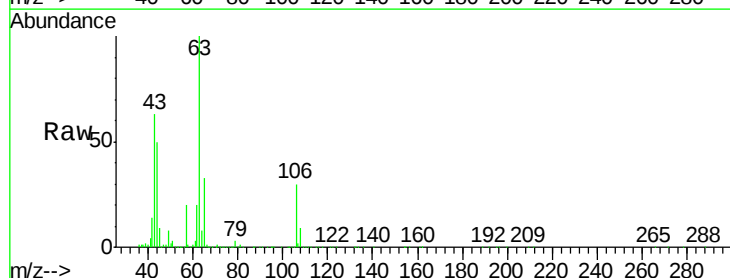
Acq: 15 Feb 2019 14:51

Tgt Ion: 63 Resp: 351197

Ion Ratio Lower Upper

63 100

106 30.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

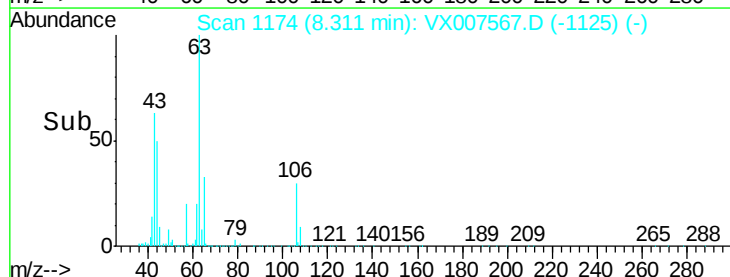
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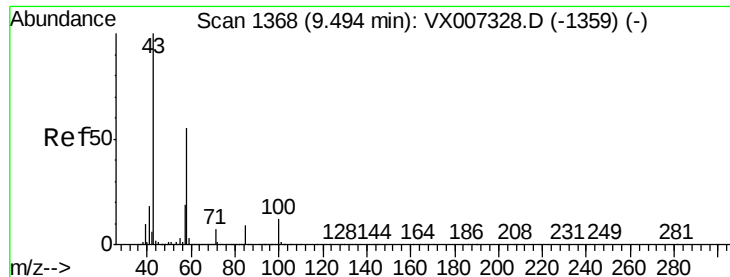
100000

50000

0

Time-->





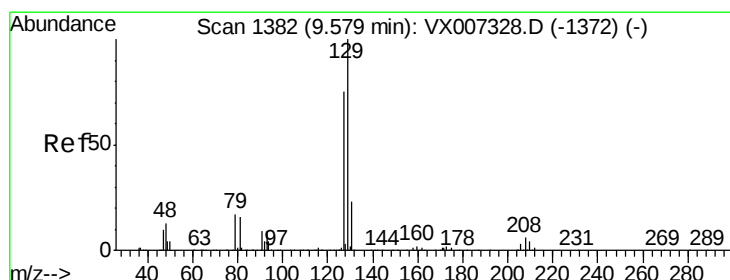
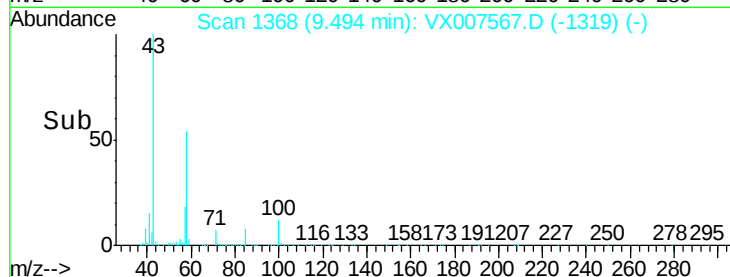
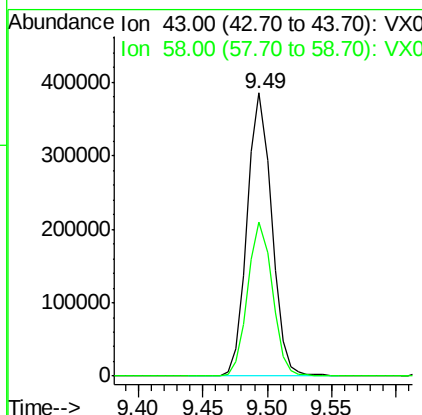
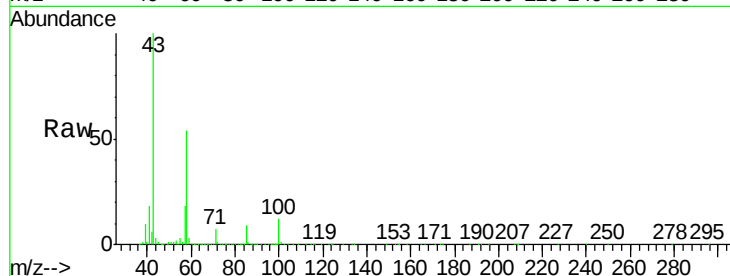
#59
2-Hexanone
Concen: 105.909 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion: 43 Resp: 506146
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.3

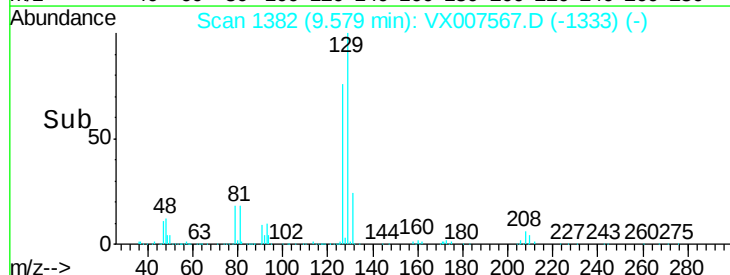
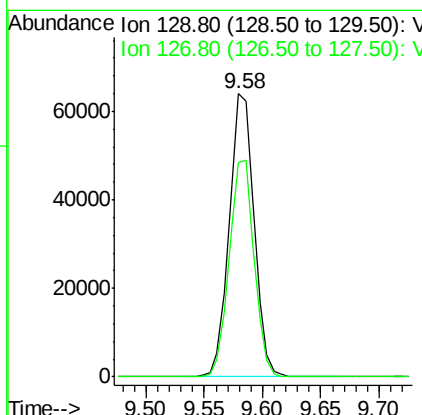
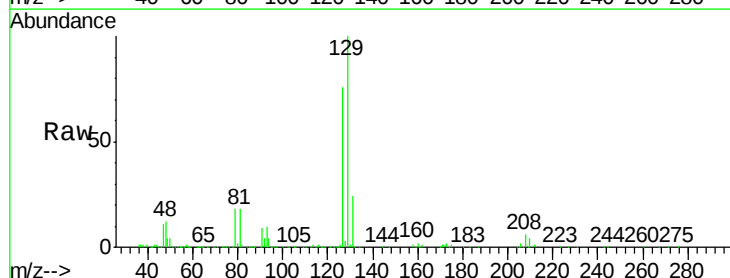
Manual Integrations
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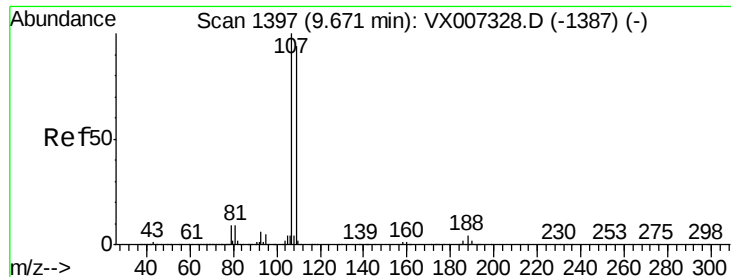
MMDadoda
2/18/2019 10:40:37 AM



#60
Dibromochloromethane
Concen: 21.293 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 129 Resp: 95389
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.797 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion:107 Resp: 99307

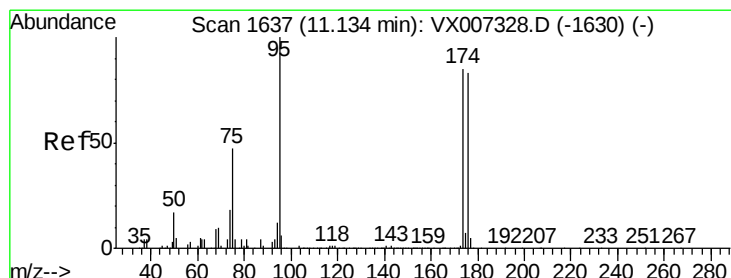
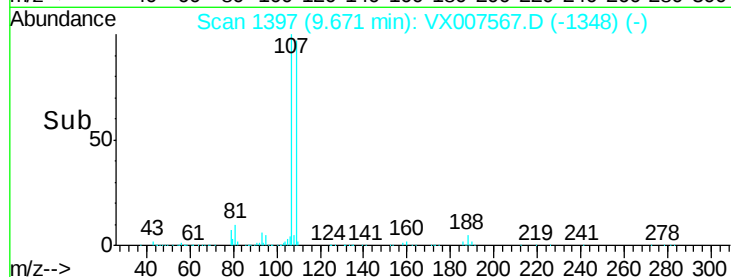
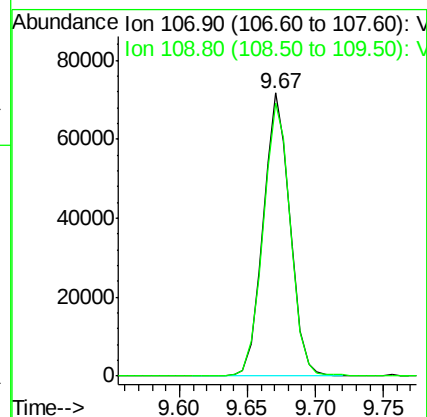
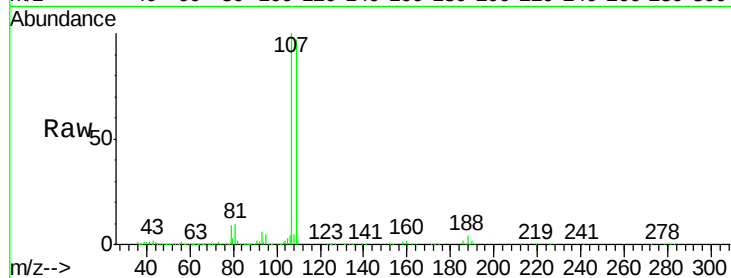
Ion Ratio Lower Upper

107 100

109 98.5 75.1 112.7

Manual Integrations
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MMDadoda
2/18/2019 10:40:37 AM



#62

4-Bromofluorobenzene

Concen: 44.068 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

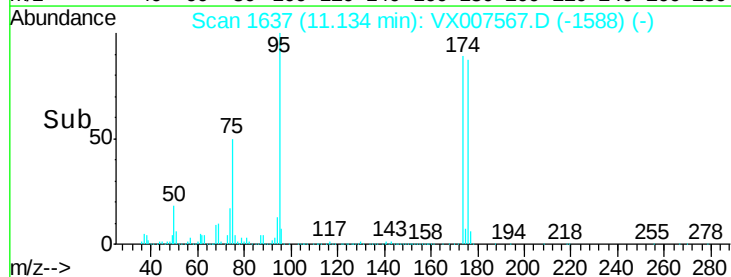
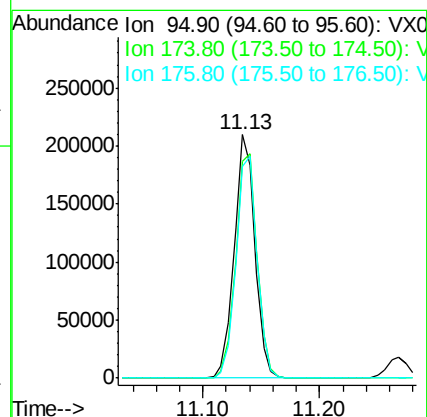
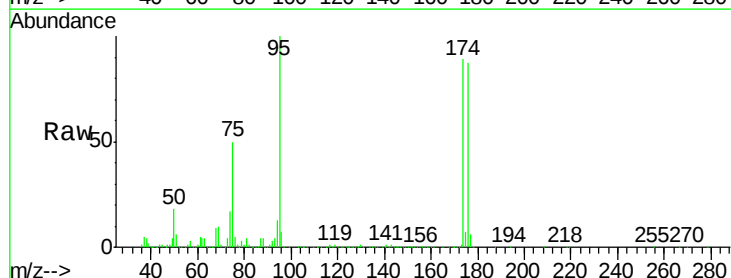
Tgt Ion: 95 Resp: 258831

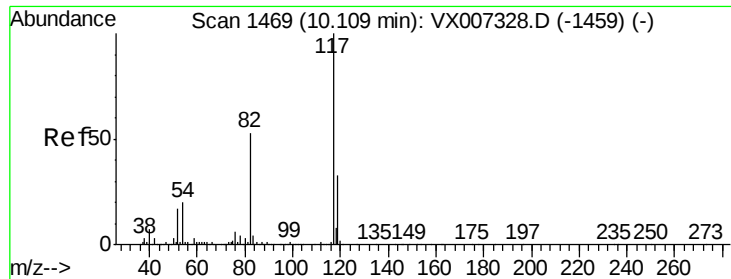
Ion Ratio Lower Upper

95 100

174 96.1 0.0 189.2

176 93.3 0.0 186.2





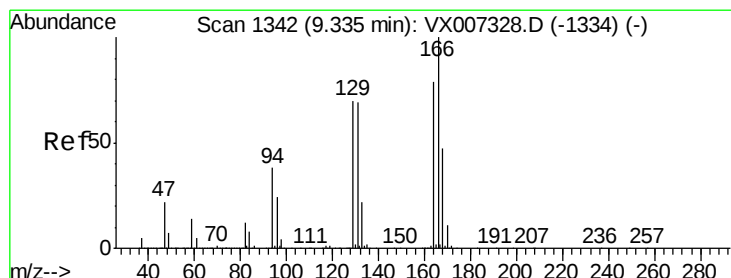
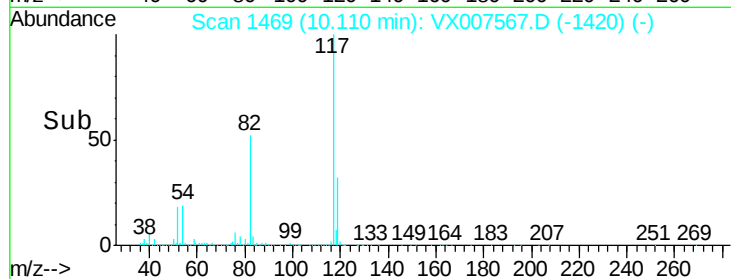
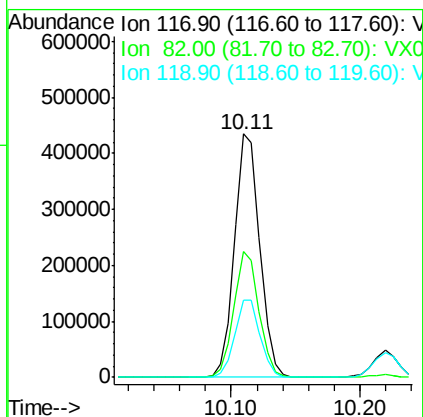
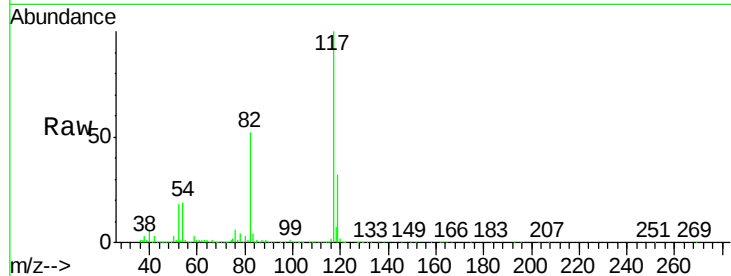
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	596024		
82	51.8	42.1	63.1	
119	31.9	26.5	39.7	

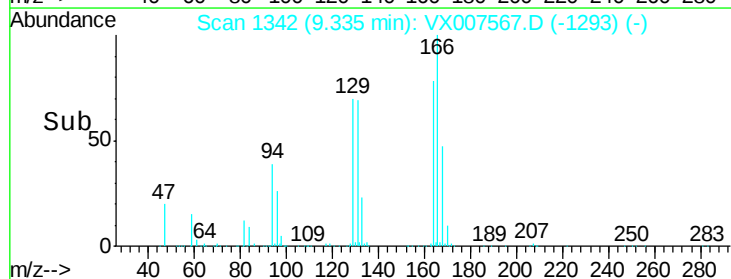
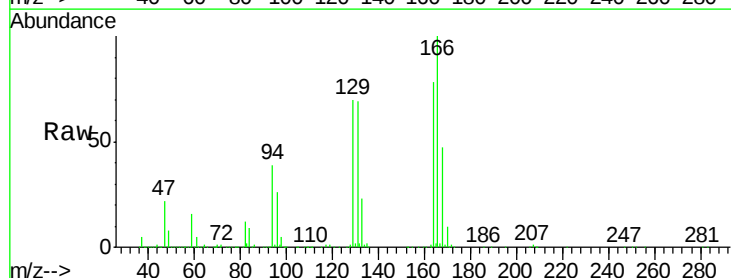
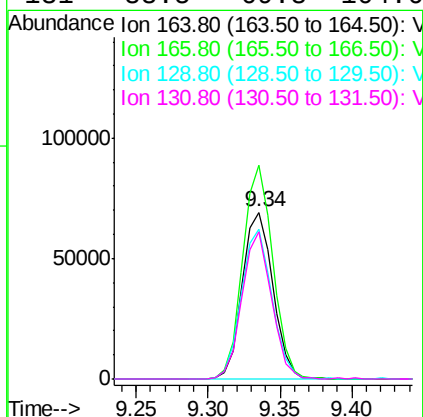
Manual Integrations
APPROVED

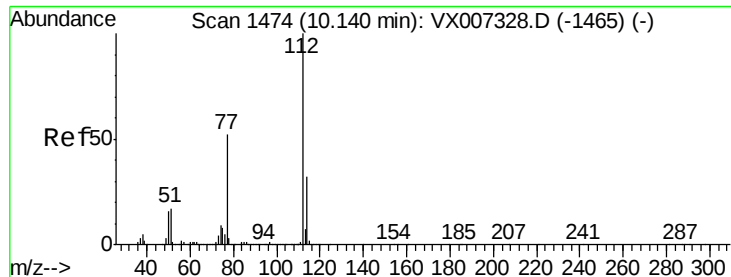
MMDadoda
2/18/2019 10:40:37 AM



#64
Tetrachloroethene
Concen: 18.194 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102211		
166	128.1	101.0	151.4	
129	89.7	70.5	105.7	
131	88.5	69.8	104.6	





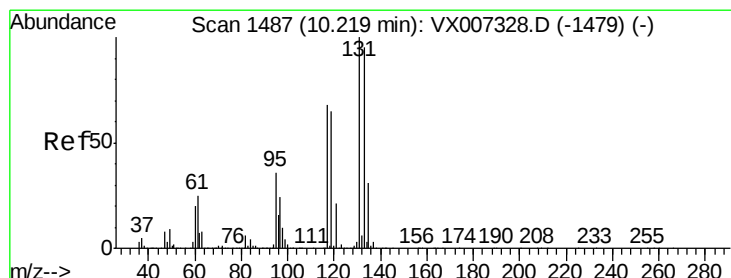
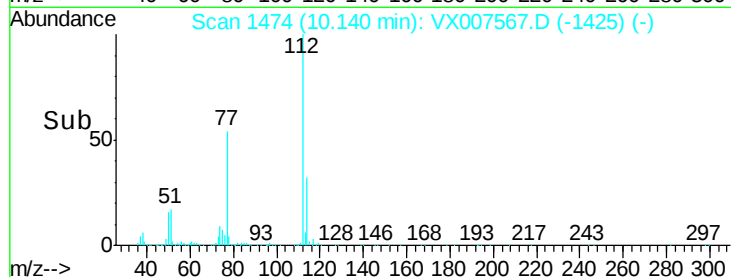
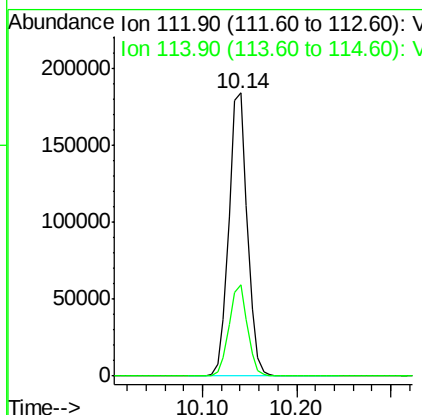
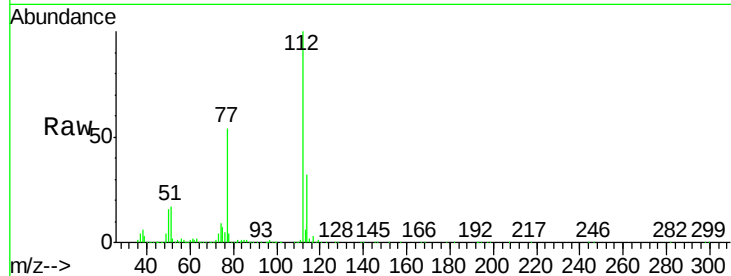
#65
Chlorobenzene
Concen: 19.367 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

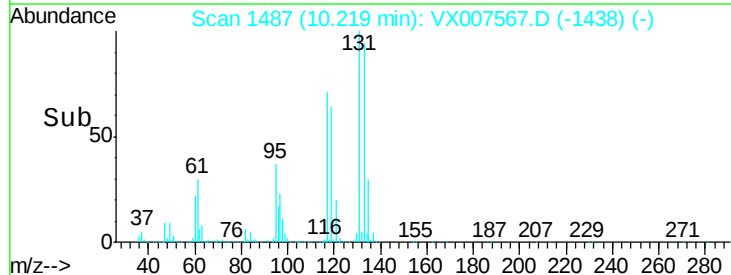
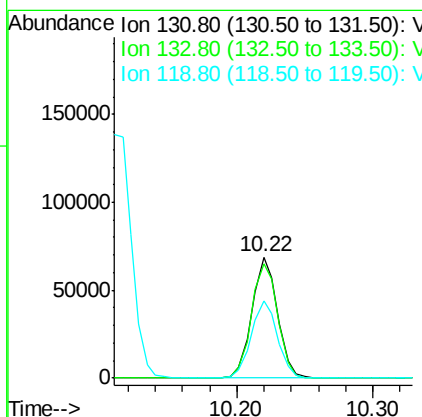
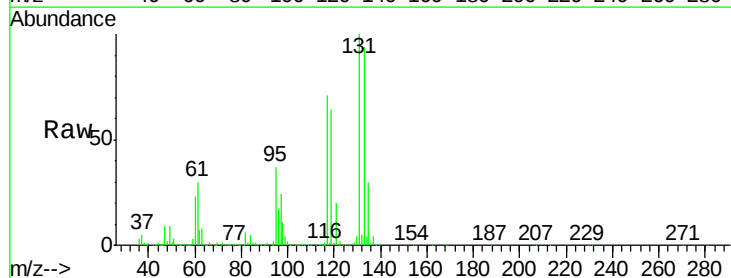
Manual Integrations
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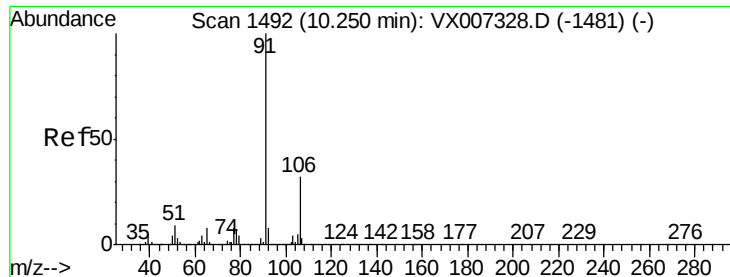
MMDadoda
2/18/2019 10:40:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.879 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	48.0	144.2
119	65.5	32.0	96.0





#67

Ethyl Benzene

Concen: 19.447 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 91 Resp: 407314

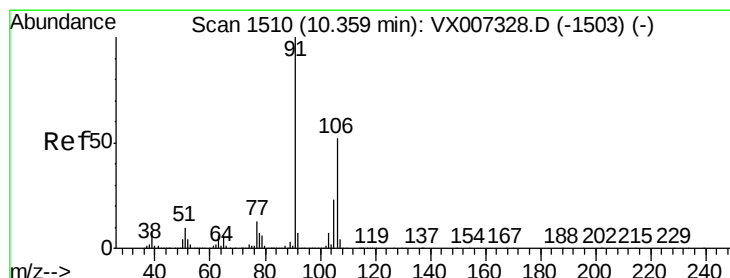
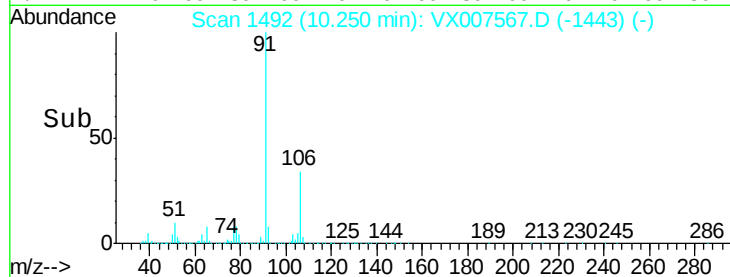
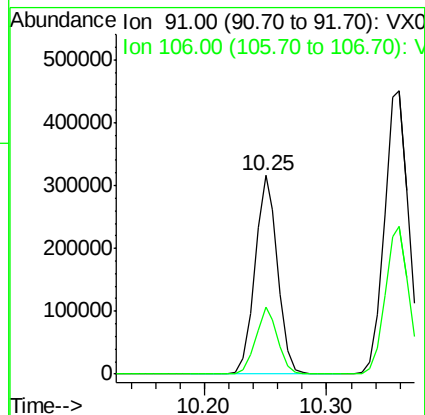
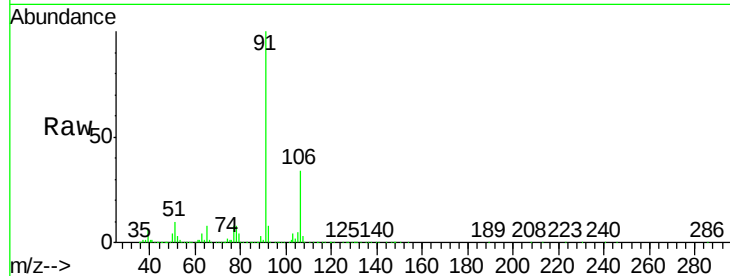
Ion Ratio Lower Upper

91 100

106 33.5 25.4 38.0

Manual Integrations
APPROVED

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2/18/2019 10:40:37 AM



#68

m/p-Xylenes

Concen: 38.112 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007567.D

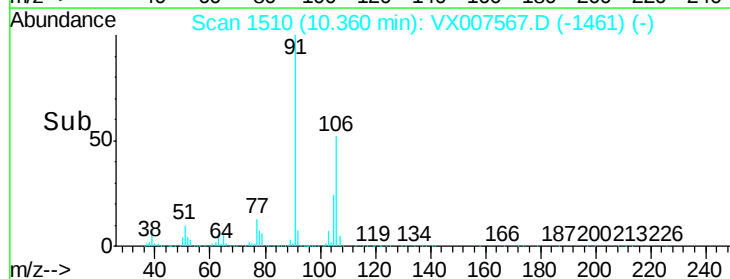
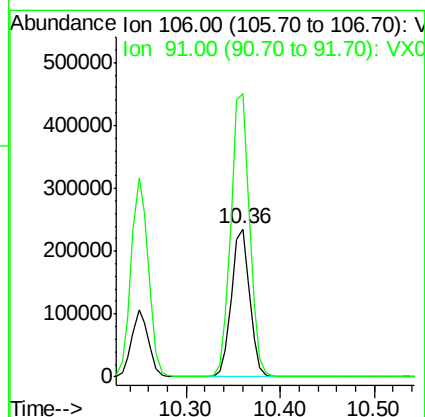
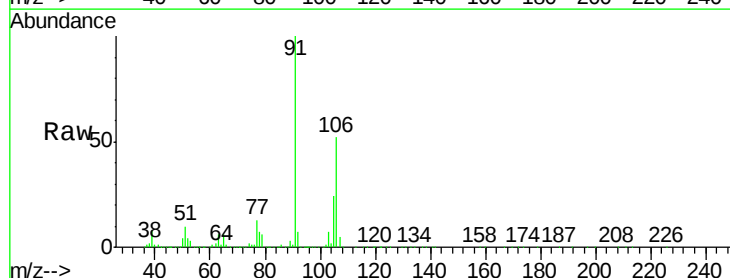
Acq: 15 Feb 2019 14:51

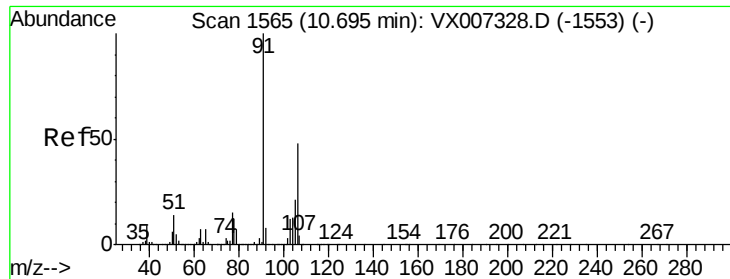
Tgt Ion: 106 Resp: 317323

Ion Ratio Lower Upper

106 100

91 196.4 156.6 234.8





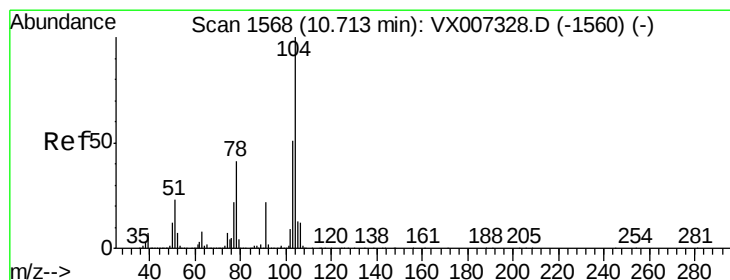
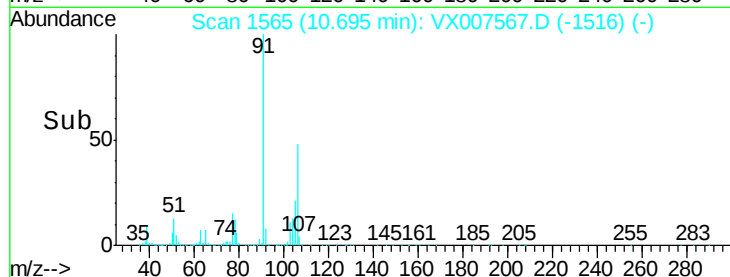
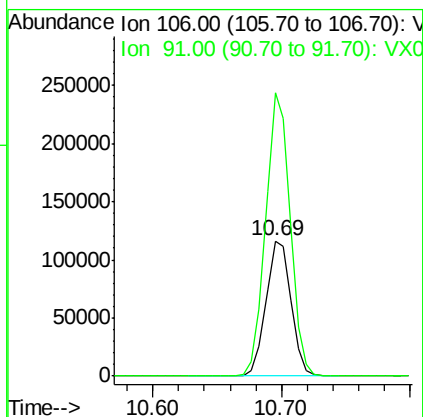
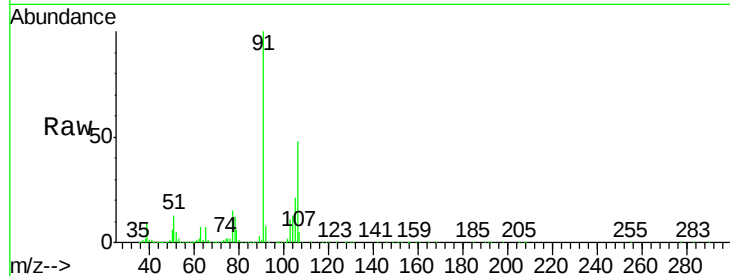
#69
o-Xylene
Concen: 19.604 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.2	102.9	308.7

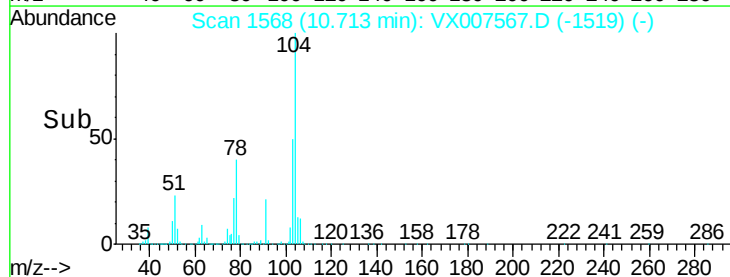
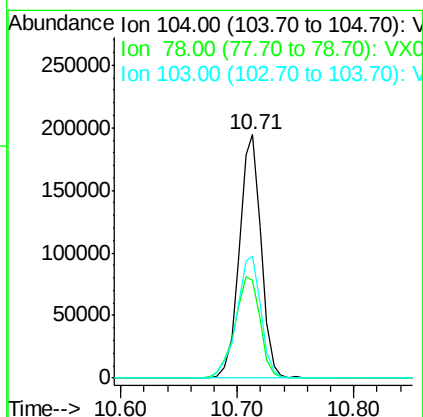
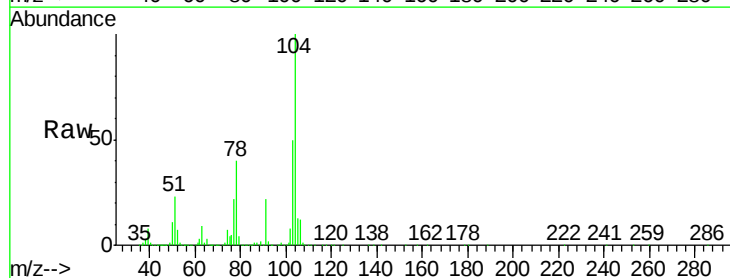
Manual Integrations
APPROVED

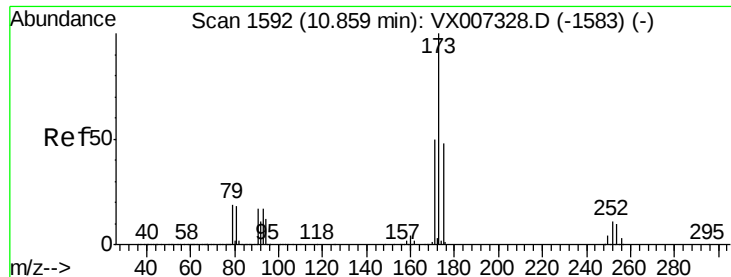
MMDadoda
2/18/2019 10:40:37 AM



#70
Styrene
Concen: 19.430 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.3	57.5
103	56.2	44.6	67.0





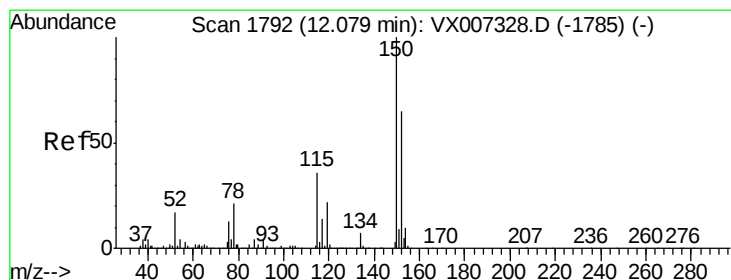
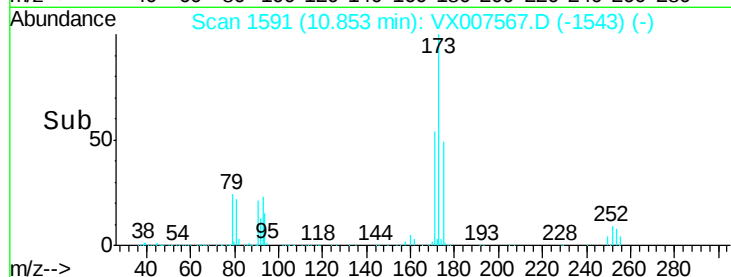
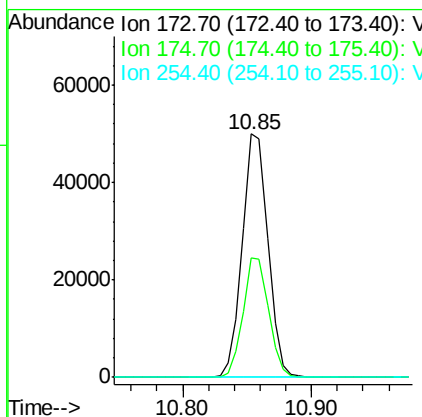
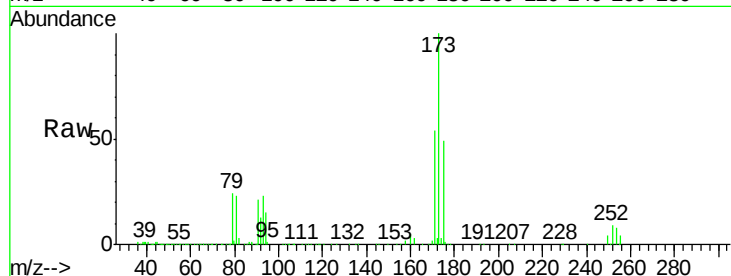
#71
Bromoform
Concen: 20.612 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.2	0.2	0.2

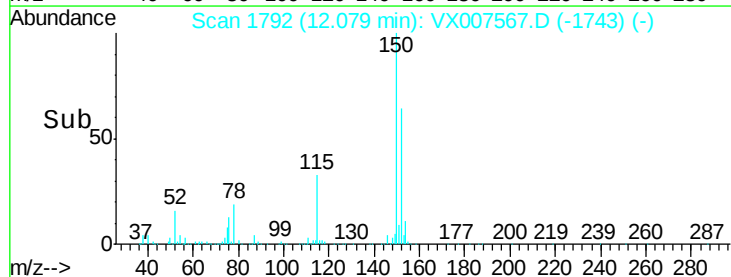
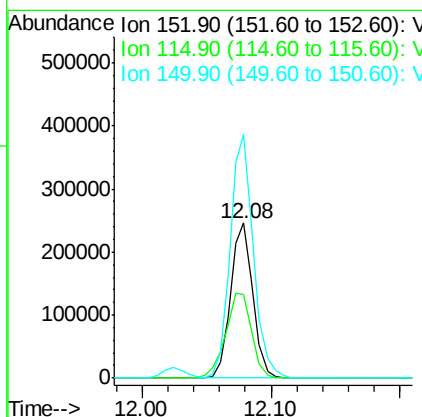
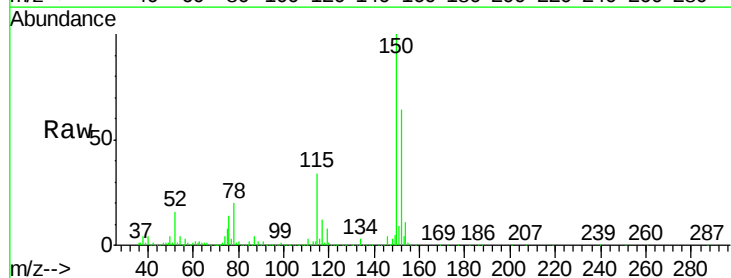
Manual Integrations
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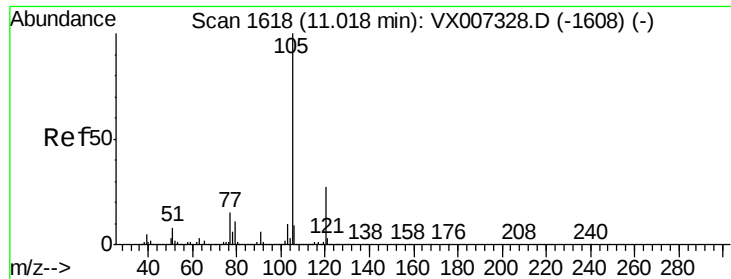
MMDadoda
2/18/2019 10:40:37 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	38.0	114.0
150	164.4	0.0	346.4





#73

Isopropylbenzene

Concen: 20.792 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion: 105 Resp: 418558

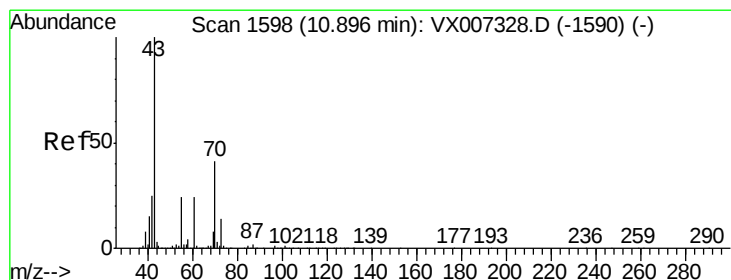
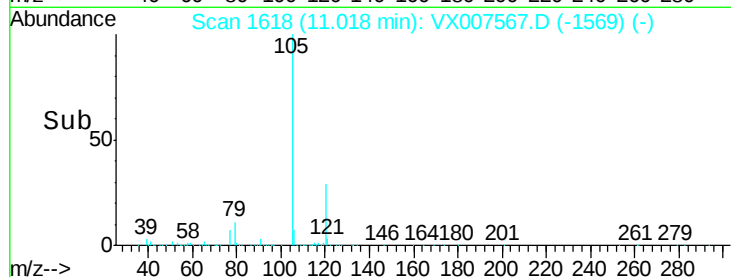
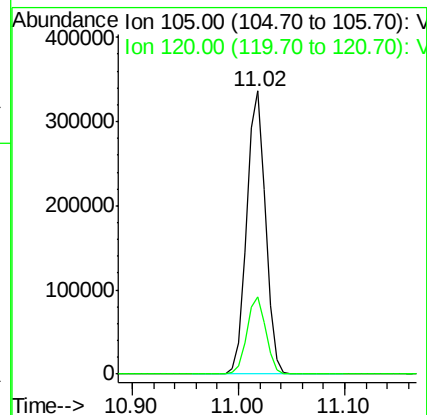
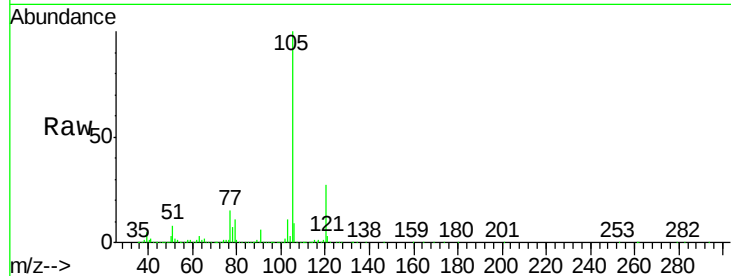
Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7

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2/18/2019 10:40:37 AM



#74

N-ethyl acetate

Concen: 21.722 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion: 43 Resp: 169133

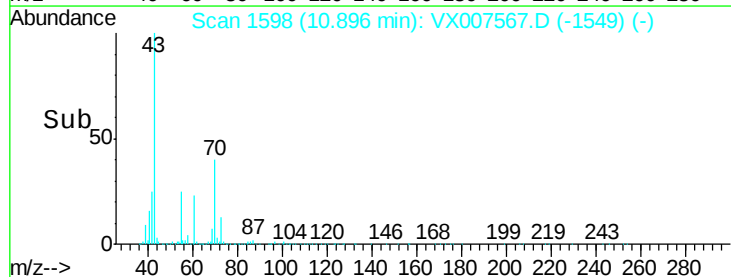
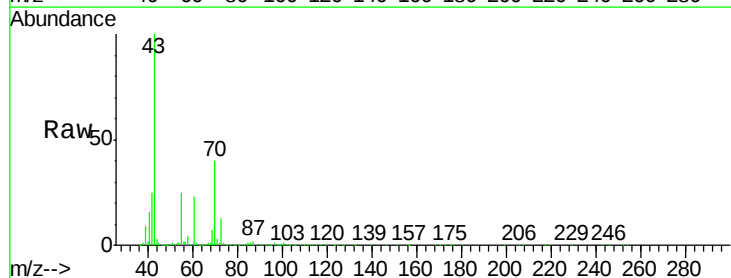
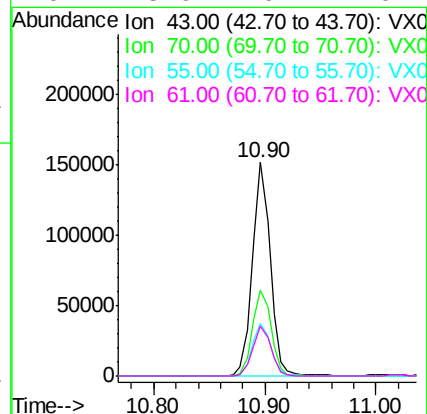
Ion Ratio Lower Upper

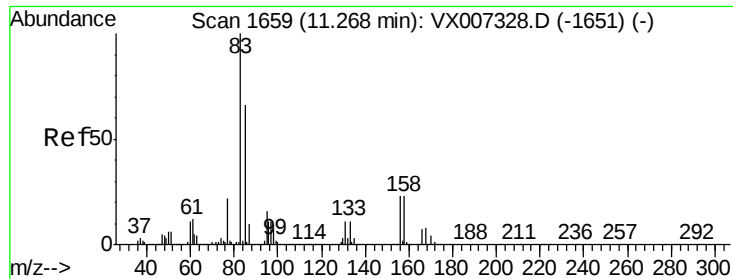
43 100

70 42.6 33.8 50.6

55 25.4 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.951 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

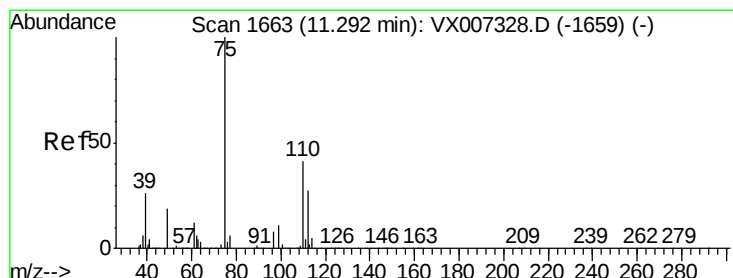
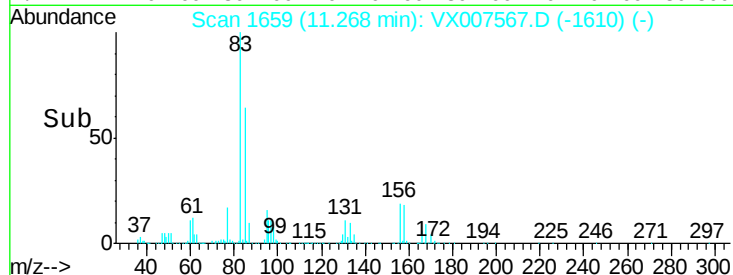
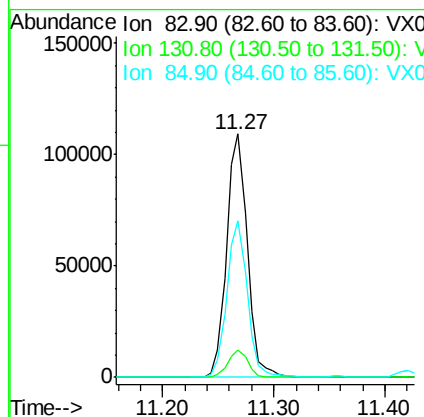
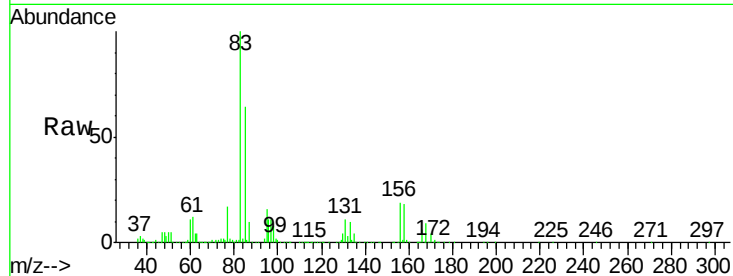
ClientSampleId :

VX0216WBS02

Tot Ion:	83	Resp:	140803
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	63.7	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.953 ug/l m

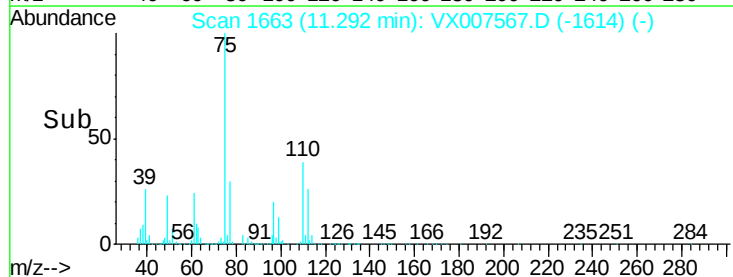
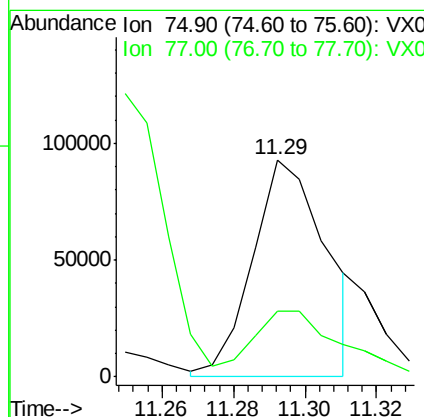
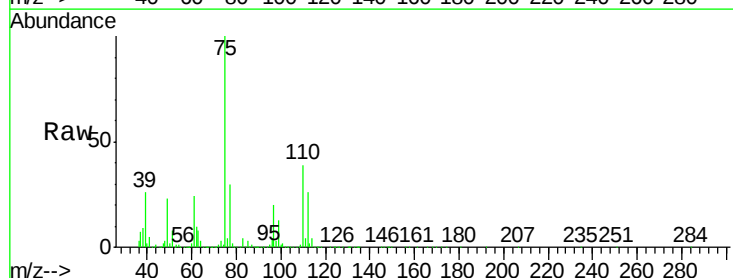
RT: 11.29 min Scan# 1663

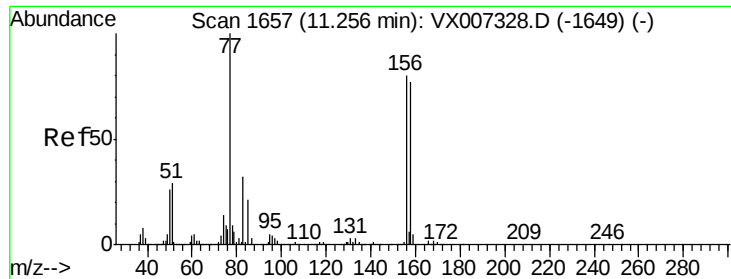
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	75	Resp:	132259
Ion Ratio	Lower	Upper	
75	100		
77	36.9	23.0	69.0





#77

Bromobenzene

Concen: 19.927 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

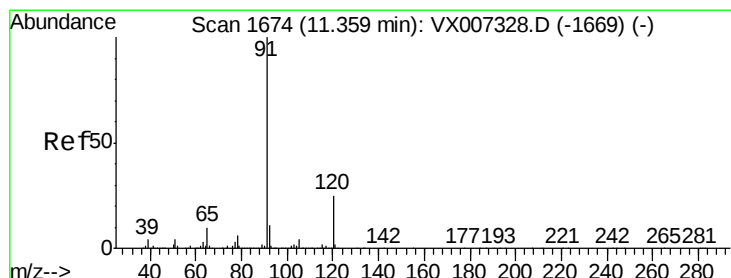
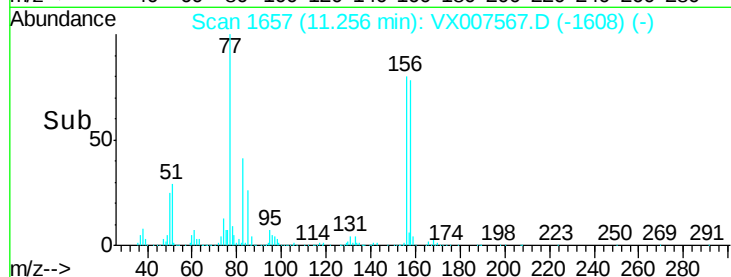
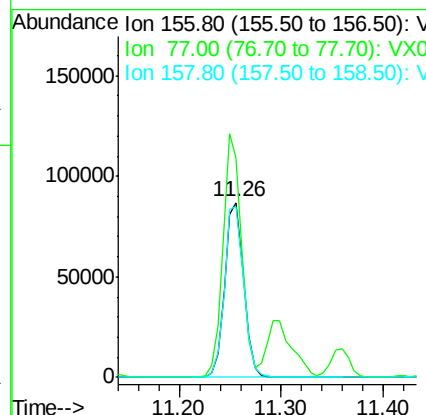
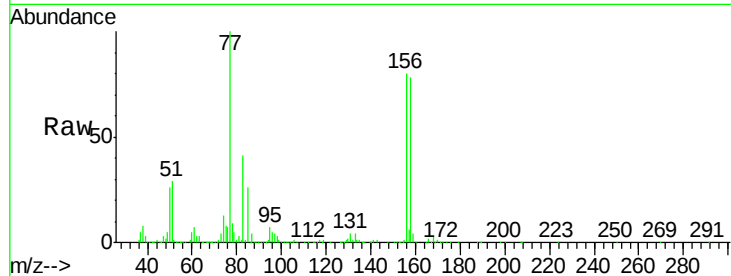
ClientSampleId :

VX0216WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.7	66.8	200.6
158	99.3	47.9	143.8

Manual Integrations
APPROVED

MMDadoda
2/18/2019 10:40:37 AM



#78

n-propylbenzene

Concen: 20.856 ug/l

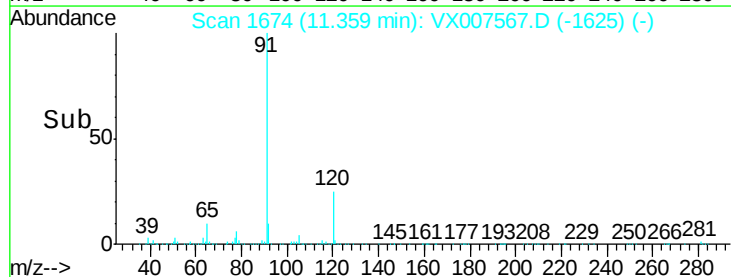
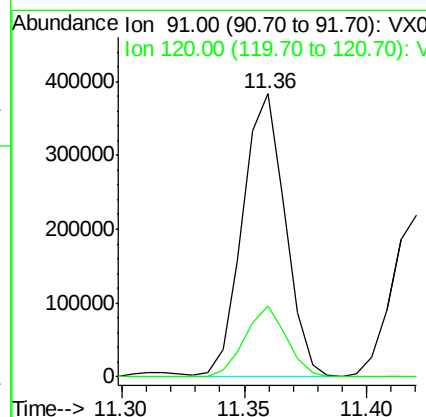
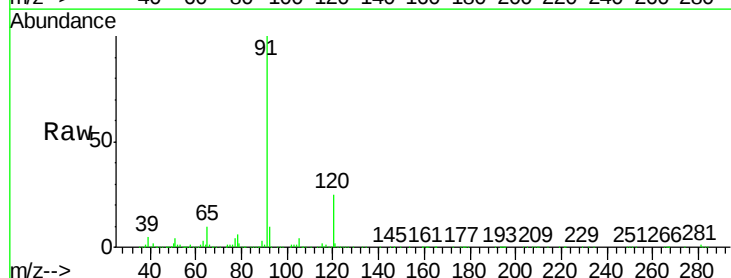
RT: 11.36 min Scan# 1674

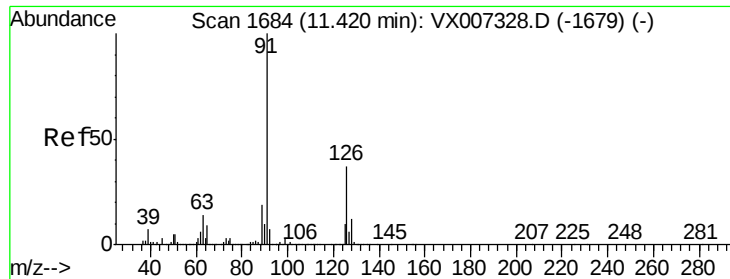
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.2





#79

2-Chlorotoluene

Concen: 20.432 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampled :

VX0216WBS02

Tot Ion: 91 Resp: 273680

Ion Ratio Lower Upper

91 100

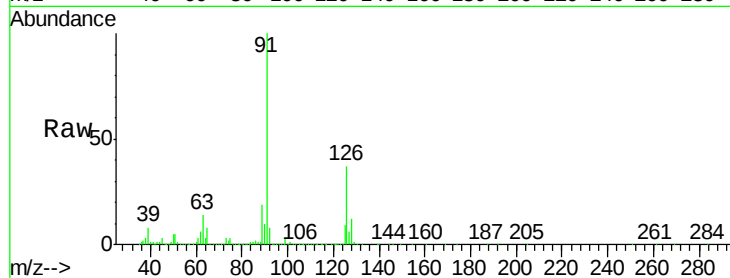
126 36.9 18.7 56.1

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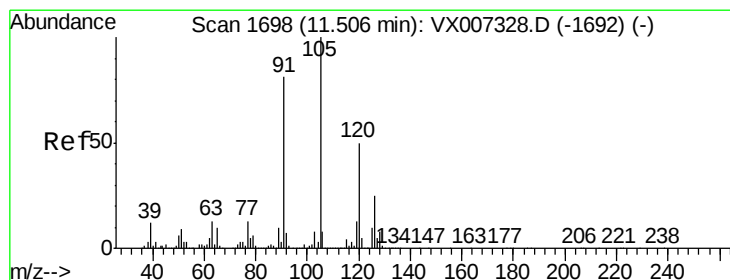
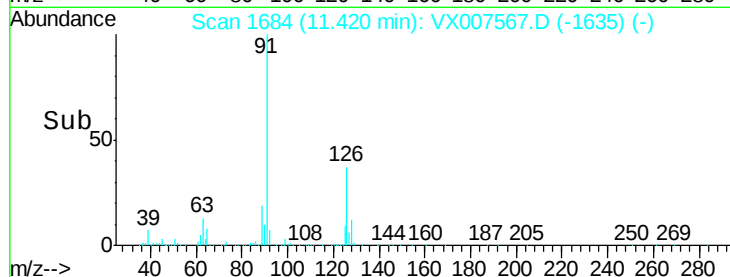
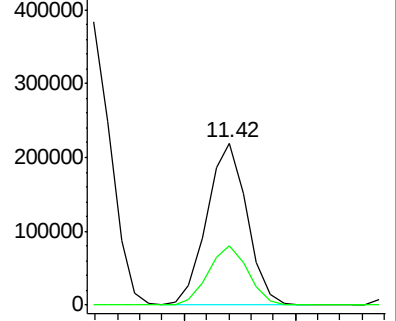
MMDadoda

2/18/2019 10:40:37 AM



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.415 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007567.D

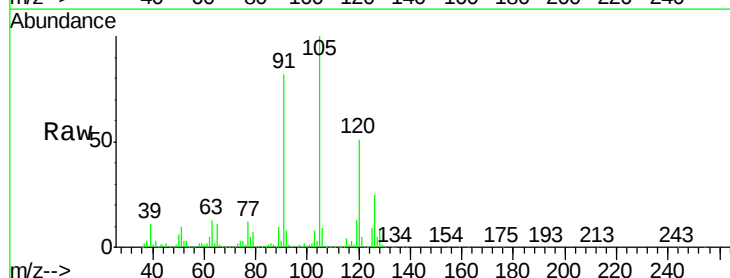
Acq: 15 Feb 2019 14:51

Tgt Ion: 105 Resp: 336227

Ion Ratio Lower Upper

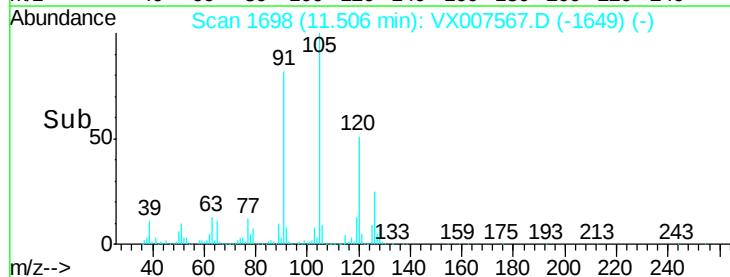
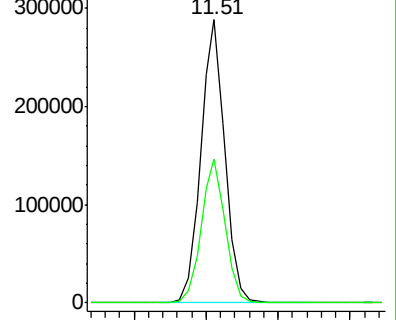
105 100

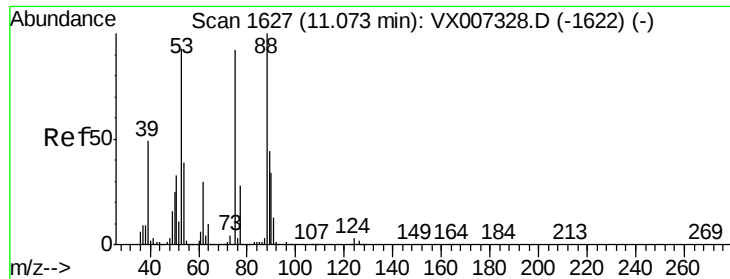
120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)





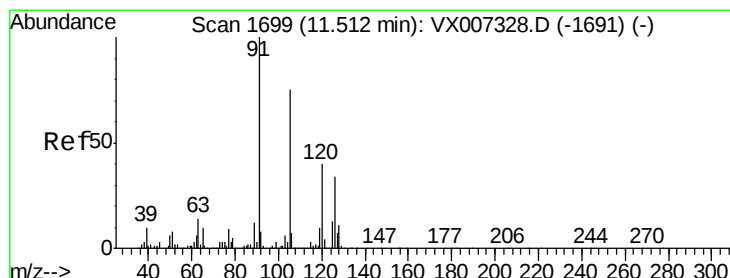
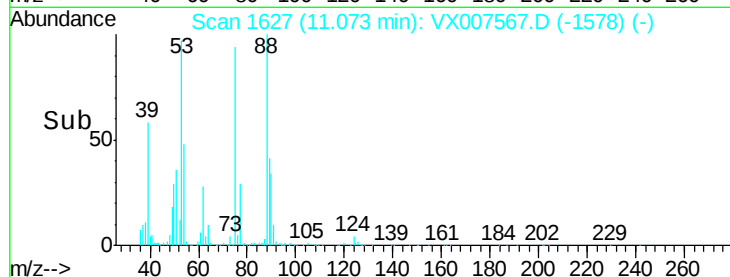
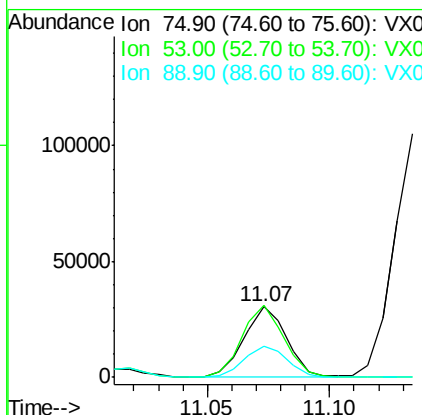
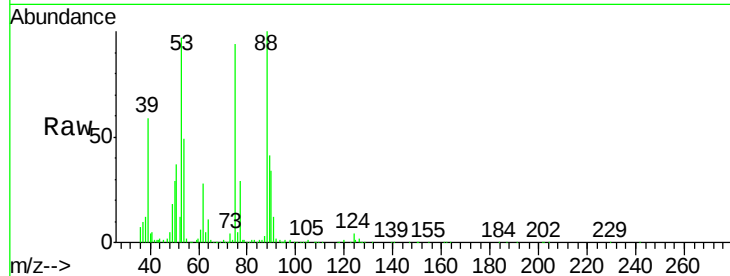
#81
trans-1,4-Dichloro-2-butene
Concen: 22.111 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	81.0	121.6
89	44.5	41.4	62.0

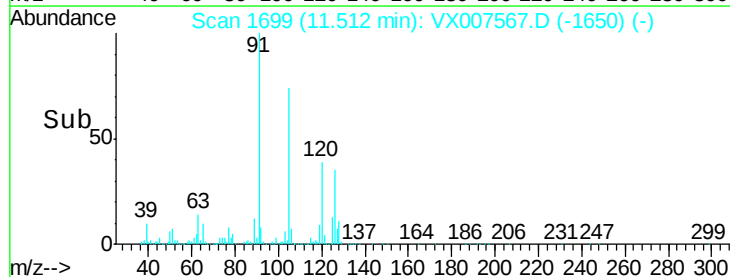
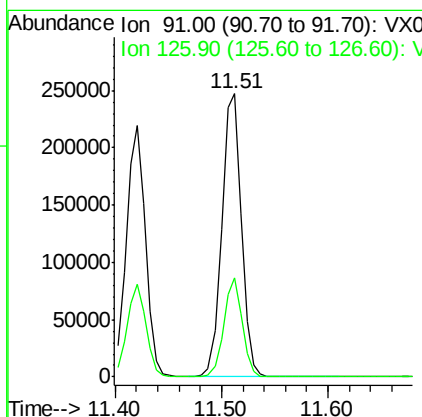
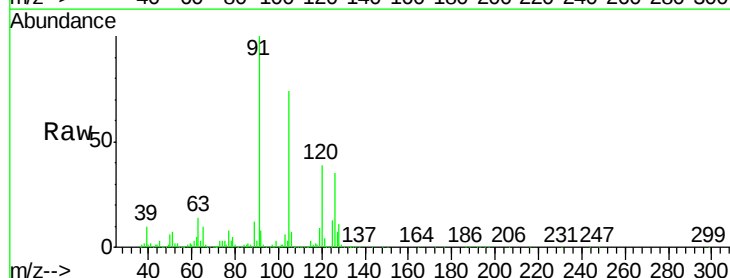
Manual Integrations
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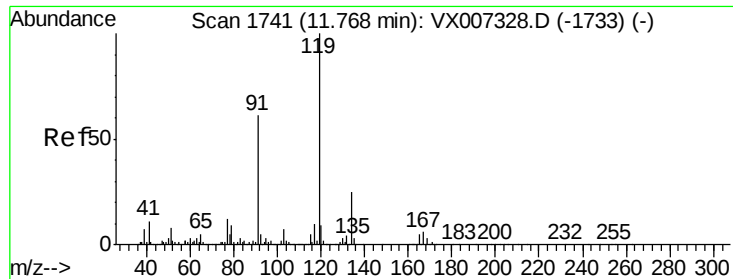
MMDadoda
2/18/2019 10:40:37 AM



#82
4-Chlorotoluene
Concen: 20.449 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.5





#83

tert-Butylbenzene

Concen: 20.683 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

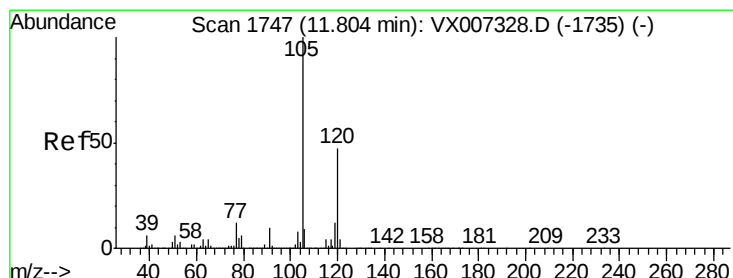
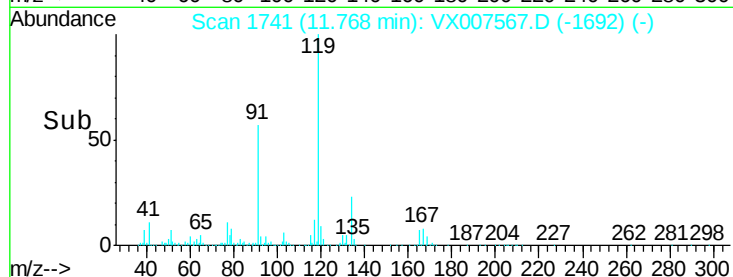
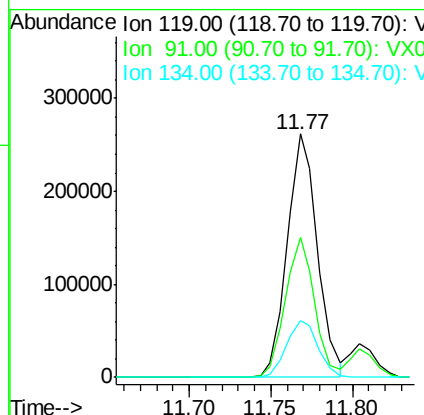
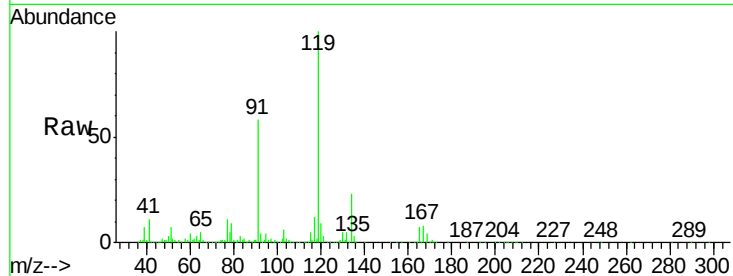
ClientSampleId :

VX0216WBS02

Tot Ion:	119	Resp:	337255
Ion Ratio		Lower	Upper
119	100		
91	55.7	28.5	85.6
134	24.3	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.889 ug/l

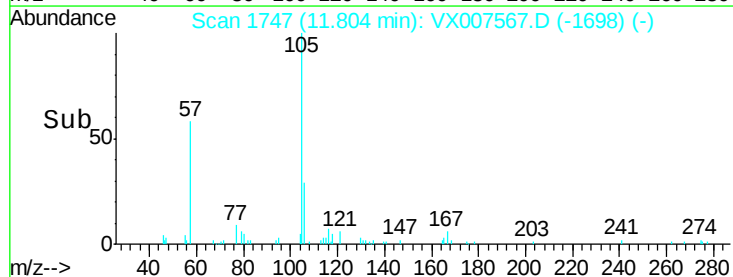
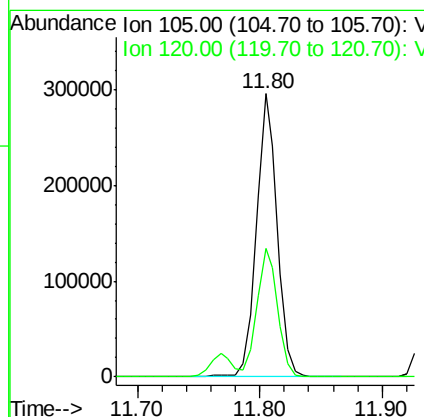
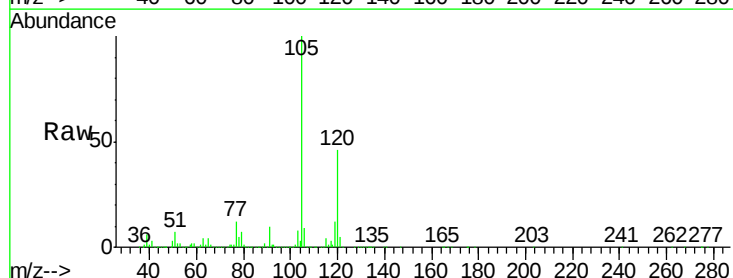
RT: 11.80 min Scan# 1747

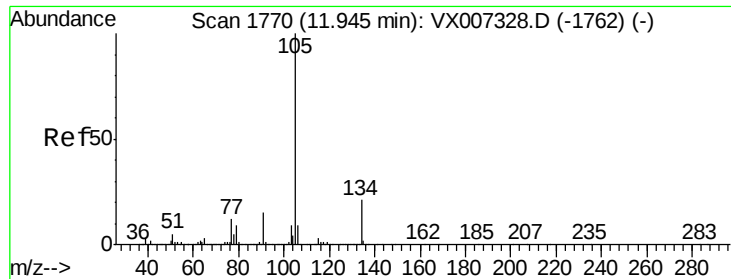
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	105	Resp:	349268
Ion Ratio		Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.927 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS02

Tot Ion:105 Resp: 413001

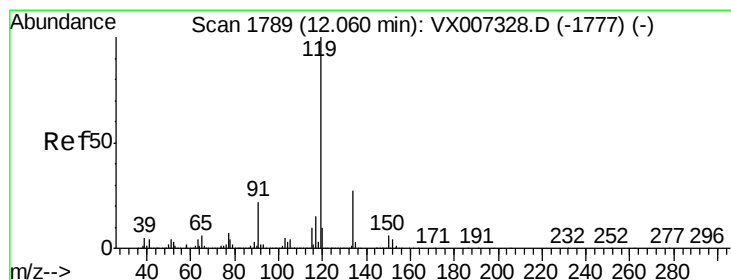
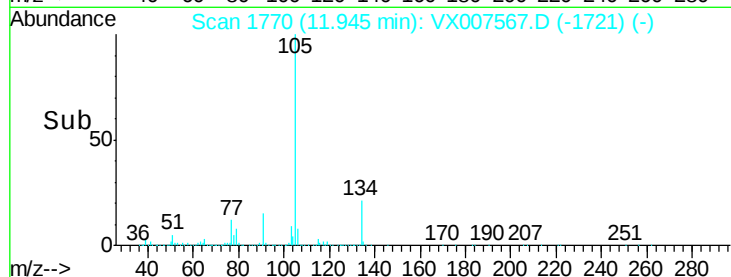
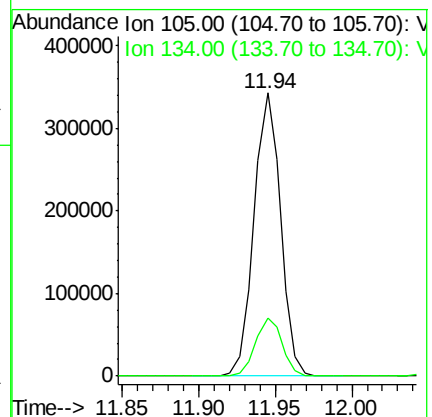
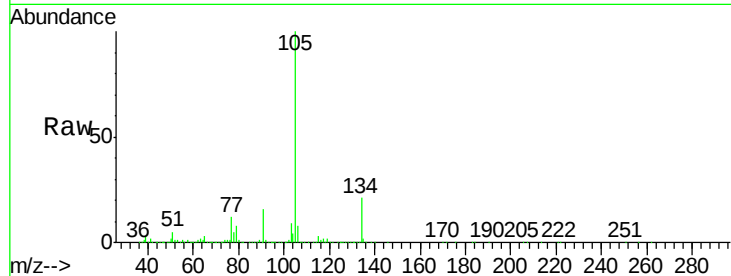
Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 20.223 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

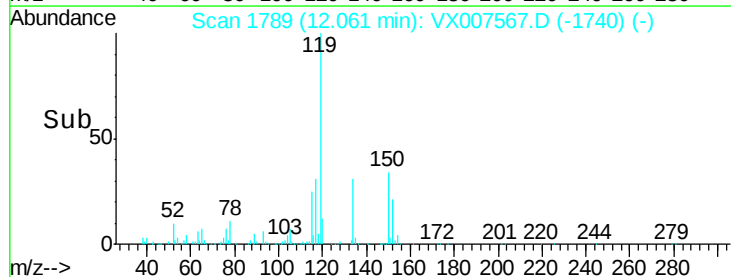
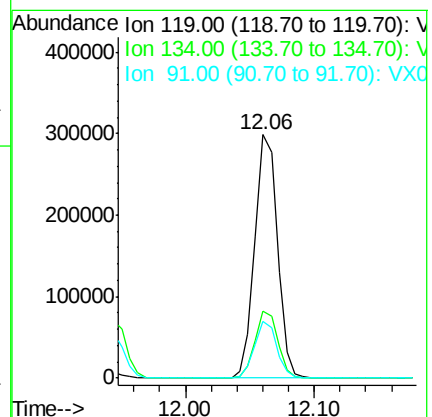
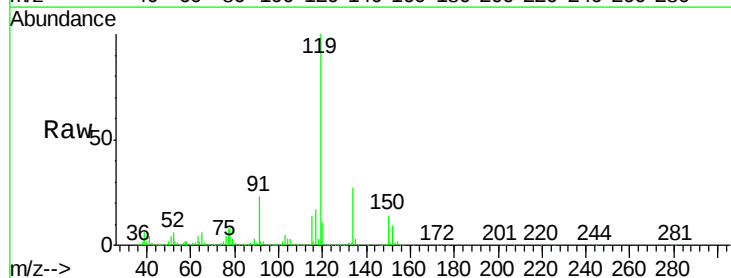
Tgt Ion:119 Resp: 360271

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.9 11.2 33.5





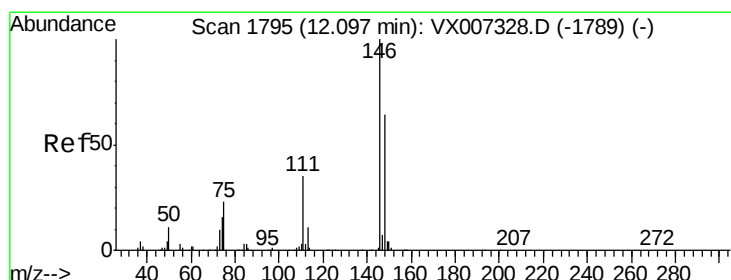
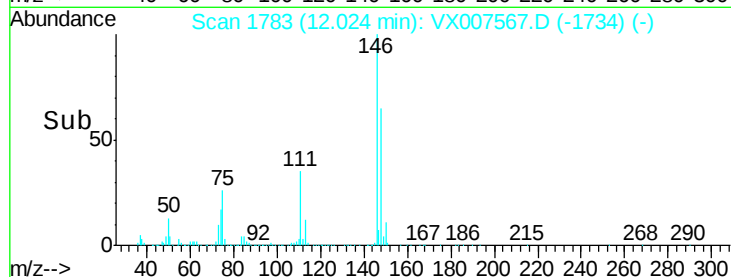
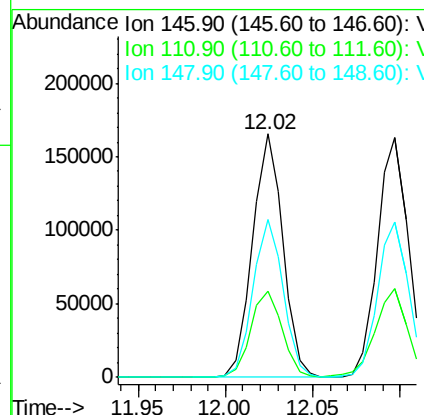
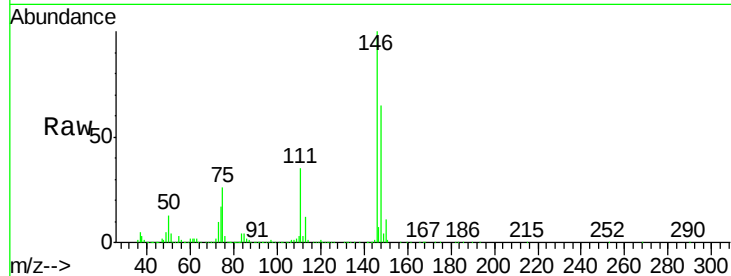
#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.5	32.0	96.2

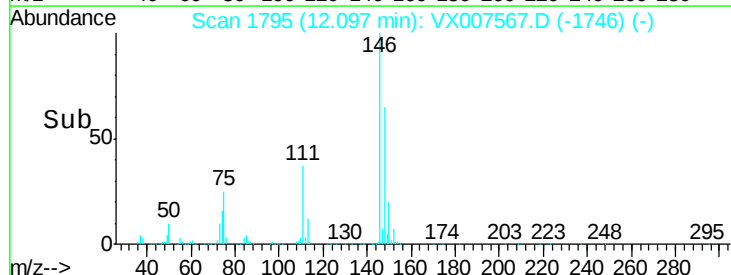
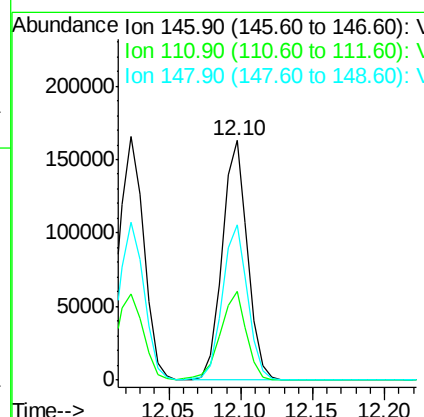
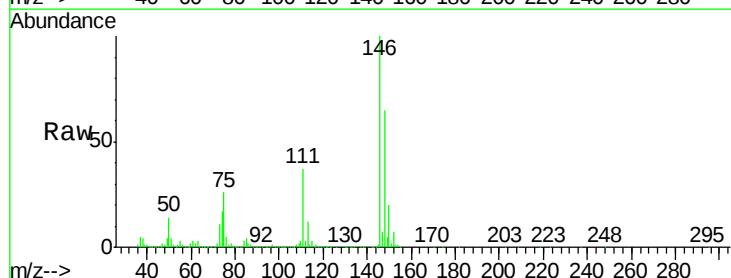
Manual Integrations
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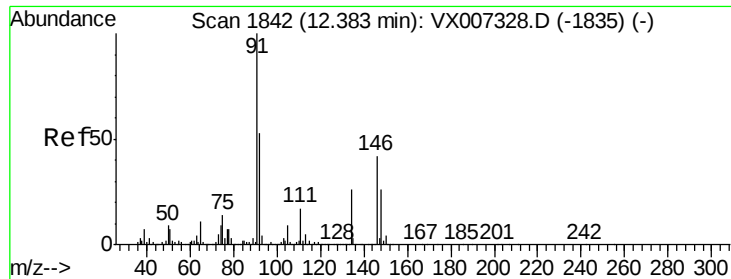
MMDadoda
 2/18/2019 10:40:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	64.9	32.3	96.9





#89

n-Butylbenzene

Concen: 19.772 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_X

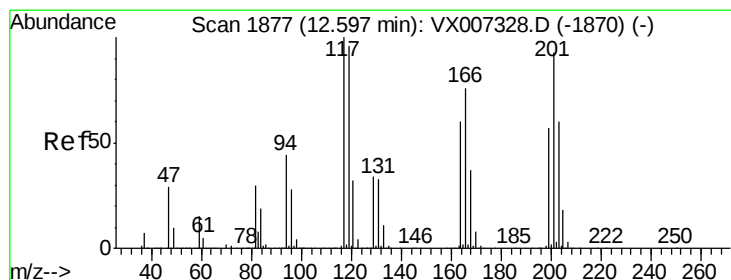
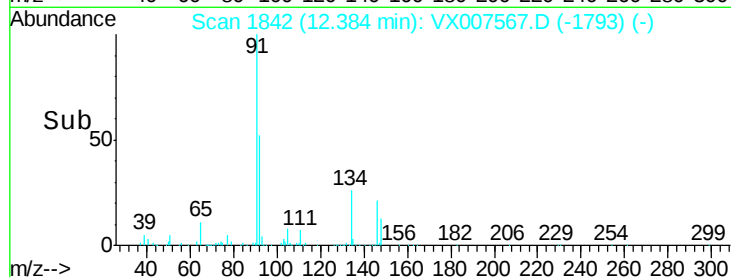
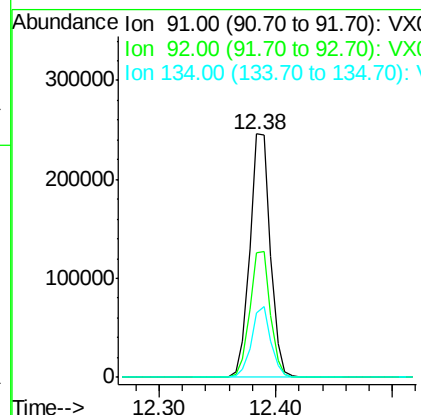
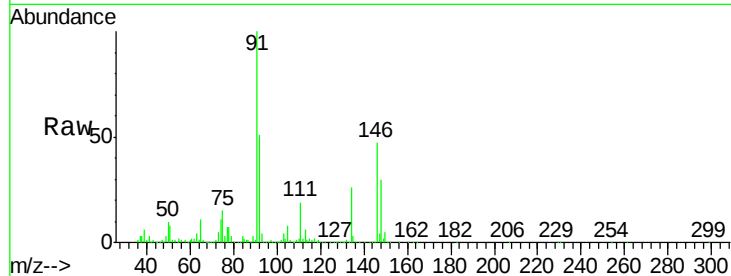
ClientSampleId :

VX0216WBS02

Tot Ion:	91	Resp:	303006
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.3	78.9
134	27.3	13.9	41.6

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#90

Hexachloroethane

Concen: 21.629 ug/l

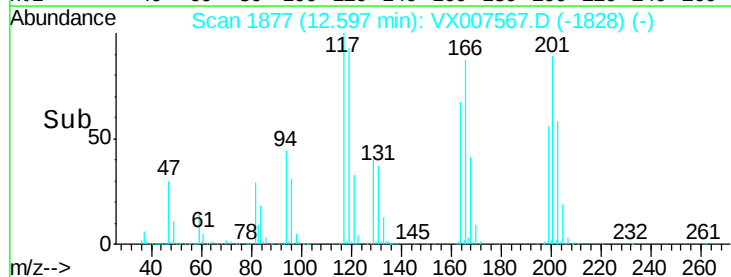
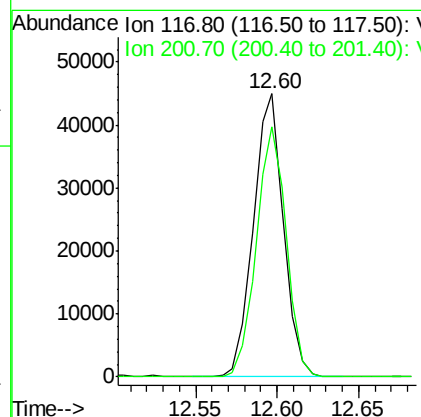
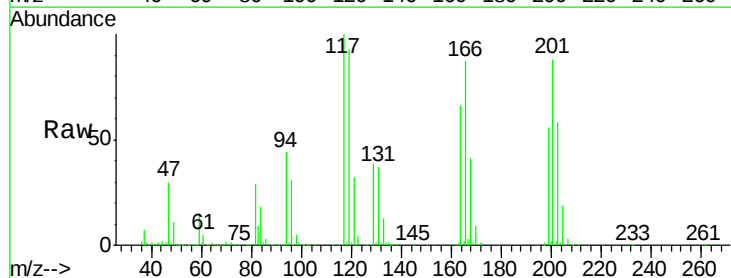
RT: 12.60 min Scan# 1877

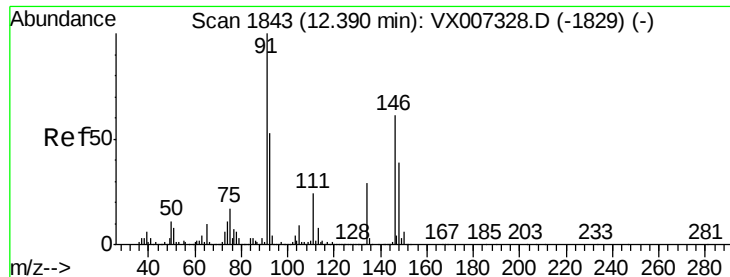
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	117	Resp:	57668
Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.9	134.7





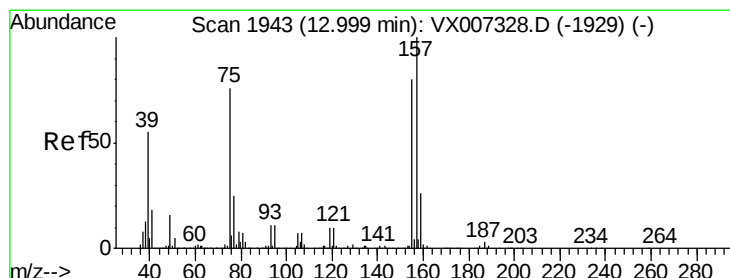
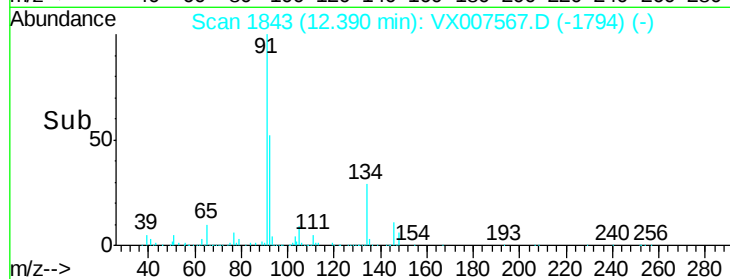
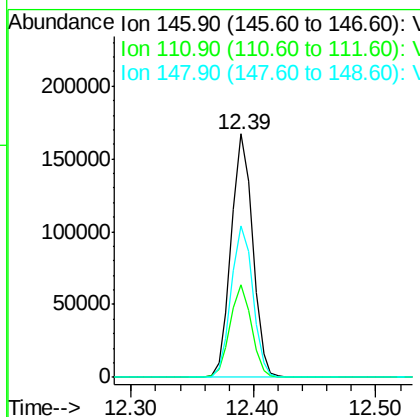
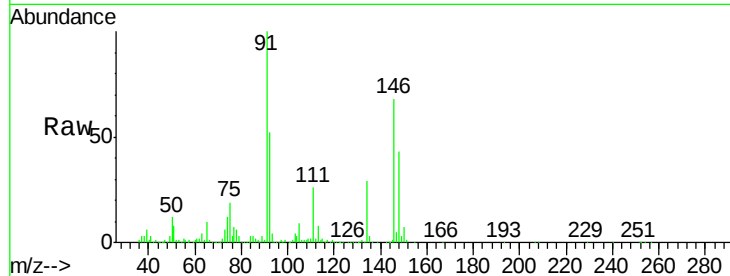
#91
 1,2-Dichlorobenzene
 Concen: 20.021 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	202816		
111	37.8	19.1	57.3	
148	63.0	32.1	96.3	

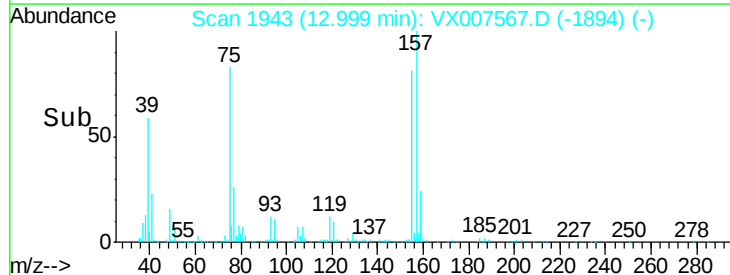
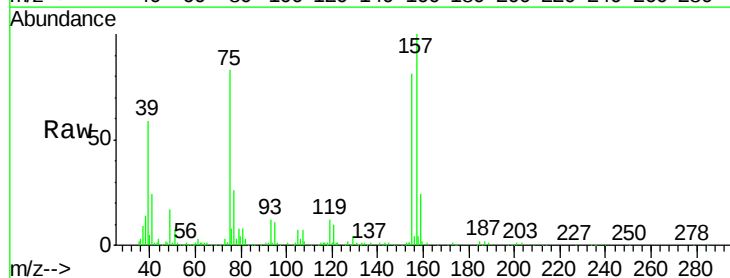
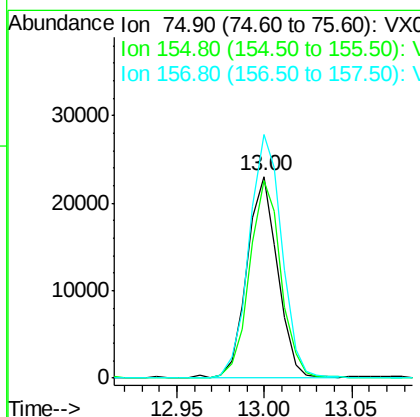
Manual Integrations
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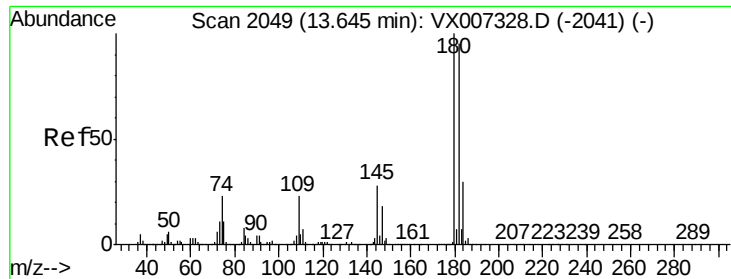
MMDadoda
 2/18/2019 10:40:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.076 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28161		
155	100.1	49.6	149.0	
157	128.6	65.1	195.3	





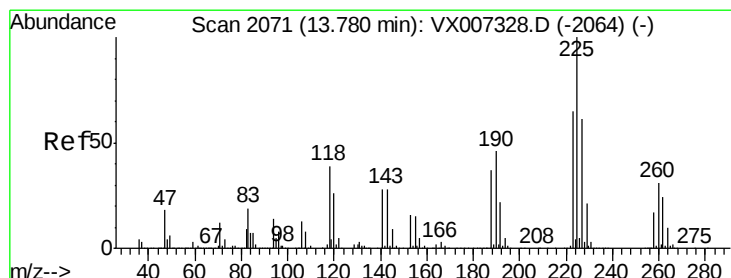
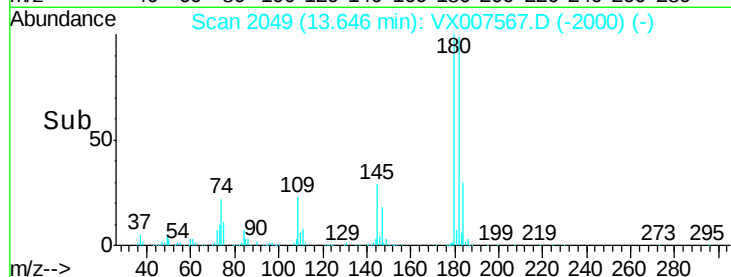
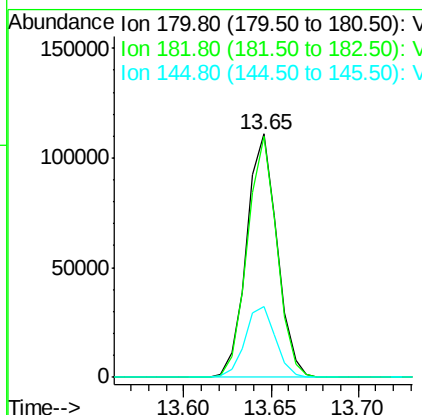
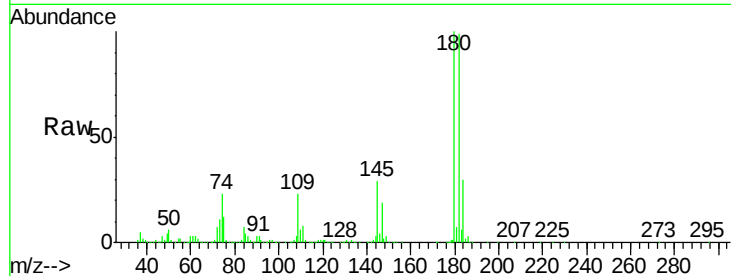
#93
 1,2,4-Trichlorobenzene
 Concen: 19.620 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134037		
182	96.0	47.8	143.3	
145	29.3	14.1	42.2	

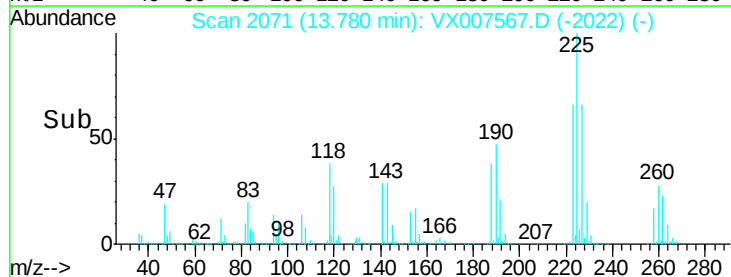
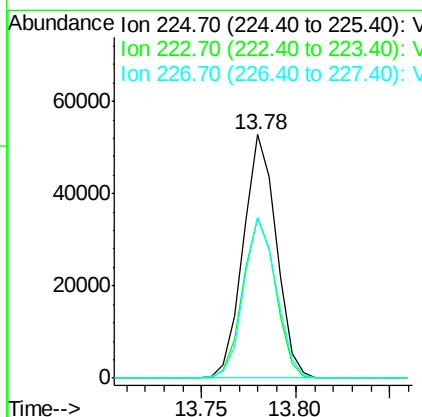
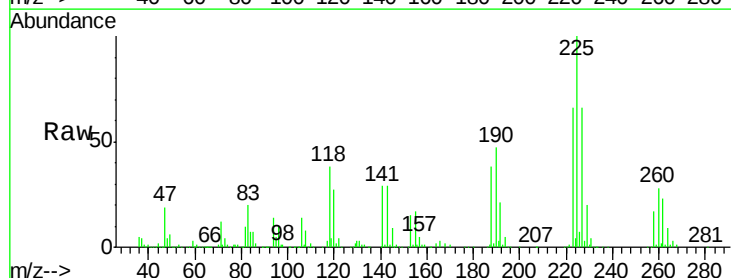
Manual Integrations
 APPROVED

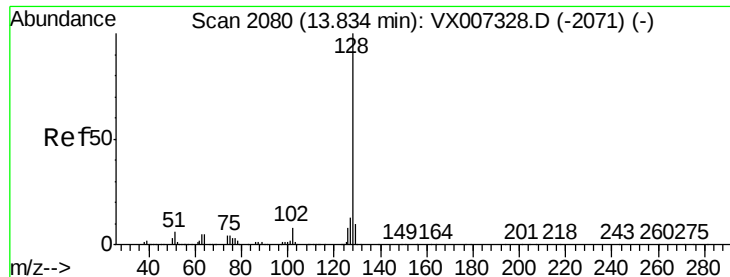
MMDadoda
 2/18/2019 10:40:37 AM



#94
 Hexachlorobutadiene
 Concen: 19.411 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64392		
223	64.8	31.6	94.8	
227	64.8	32.1	96.3	





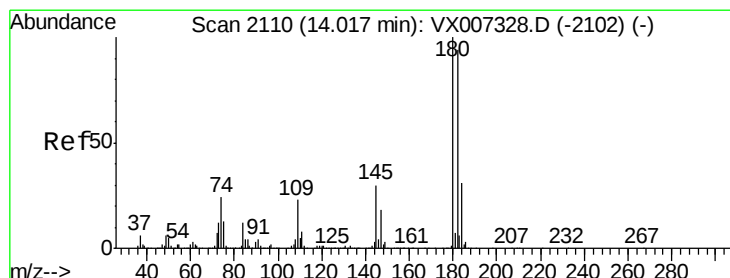
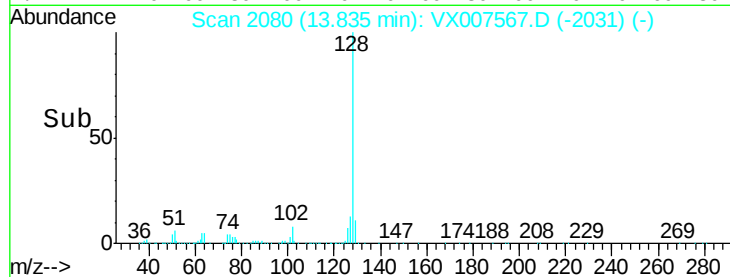
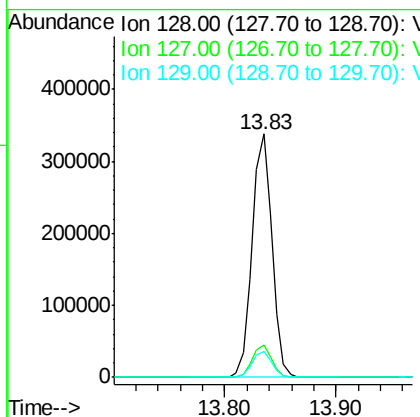
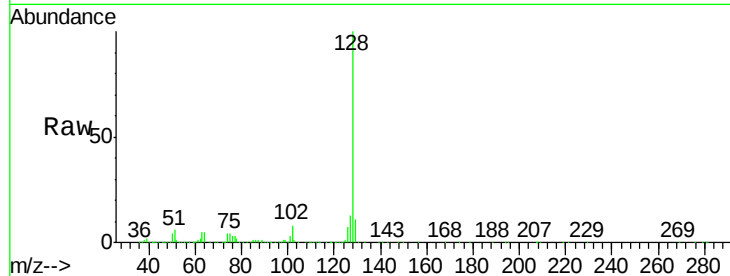
#95
Naphthalene
Concen: 20.972 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	418976		
127	13.0		10.5	15.7
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/18/2019 10:40:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.262 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132459		
182	97.0		47.5	142.6
145	31.1		14.9	44.5

